

Converting Colors

XYZ(87.3618, 88.2330, 95.2104)

Have a look what the booklet for
XYZ(87.3618, 88.2330, 95.2104)
contains.

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Color

**XYZ(87.2524, 88.1196,
94.8482)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDF0
RGB	255, 237, 240
RGB Percent	100%, 93%, 94%
CMY	0.0000, 0.0706, 0.0588
CMYK	0.00, 0.07, 0.06, 0.00
HSL	350°, 100%, 96%
HSV	350°, 7%, 100%
XYZ	87.2524, 88.1196, 94.8482
YIQ	242.7240, 9.7650, 4.7490

Conversions

Conversions Part 2

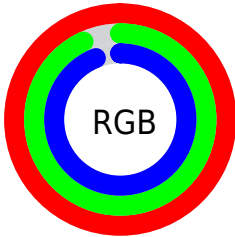
Format	Color
R _Y B	255, 237, 240
Decimal	16772592
CIE Lab	95.21, 6.58, 0.73
CIE LCh	95, 6.622, 6.372
Yxy	88.1196, 0.3229, 0.3261
Android (android.graphics.Color)	4294962672 (0xFFFFEDF0)
YUV	242.7240, -1.3429, 10.7661
Hunter-Lab	93.8720, 1.6365, 5.8039

Details

The XYZ color **87.2524, 88.1196, 94.8482** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.2584, 96.5541, 106.0840**, and the grayscale version is **84.9787, 89.4042, 97.3612**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4643, 48.5142, 52.1572** is the 20% darker color. If you saturate the color by 10%, you get **77.4131, 73.2015, 76.8926**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (93%)

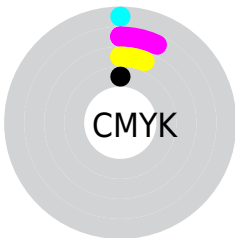
Blue (94%)



Red (100%)

Yellow (93%)

Blue (94%)



Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.2524, 88.1196, 94.8482 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 87.2524, 88.1196, 94.8482 by changing the saturation by 10% instead.


 87.2524, 88.1196,
94.8482

 87.2524, 88.1196,
94.8482

507.4240,
521.8948, 564.6508

 66.0328, 66.4221,
71.4124


142.4137,
144.7237, 156.0486

 48.5669, 48.6152,
52.1950


177.0862,
180.3990, 194.6504

 34.4891, 34.3143,
36.7772


216.9737,
221.5025, 239.1446

 23.4343, 23.1352,
24.7406

262.4416,
268.4184, 289.9498

 15.0370, 14.6933,
15.6666

313.8552,
321.5312, 347.4844

 8.9318, 8.6044,
9.1368

371.5799,

 4.7535, 4.4841,

381.2253, 412.1671

4.7325

435.9811,
447.8850, 484.4164

■ 2.1366, 1.9479,
2.0352

■ 0.7090, 0.5769,
0.5768

■ 87.2524, 88.1196,
94.8482

■ 87.2524, 88.1196,
94.8482

■ 77.4131, 73.2015,
76.8926

95.0500, 100.0000,
108.9000

■ 68.9347, 60.4341,
61.1514

■ 61.7587, 49.7214,
47.5400

■ 55.8198, 40.9556,
35.9663

■ 51.0470, 34.0192,
26.3311

■ 47.3619, 28.7820,
18.5273

■ 44.6765, 25.0965,
12.4367

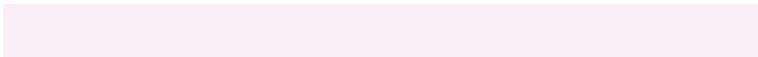
■ 42.8884, 22.7898,
7.9270

■ 41.8698, 21.6423,
4.8444

Harmonies

Analogous

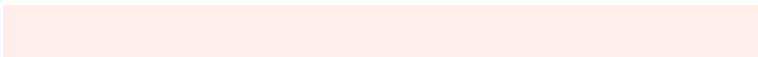
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9757, 88.1196, 99.9872



87.2524, 88.1196, 94.8482



86.5812, 88.1196, 90.1718

Triad

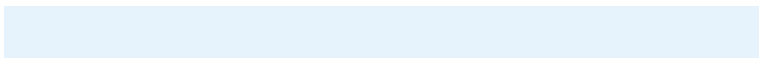
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2524, 88.1196, 94.8482



81.7133, 88.1196, 88.1632



82.3715, 88.1196, 105.3464

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



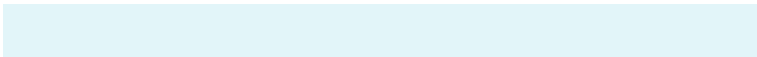
87.2524, 88.1196, 94.8482



88.2584, 96.5541, 106.0840

Split Complementary

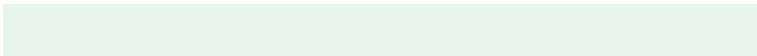
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9910, 88.1196, 101.9643



87.2524, 88.1196, 94.8482



80.6149, 88.1196, 92.0177

Square

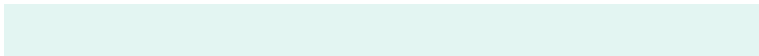
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2524, 88.1196, 94.8482



83.3704, 88.1196, 86.4026



80.3524, 88.1196, 97.0548



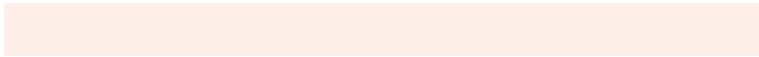
84.1409, 88.1196, 106.1702

Rectangle

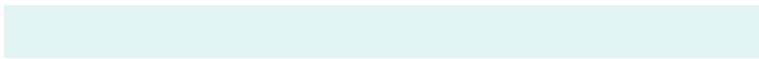
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



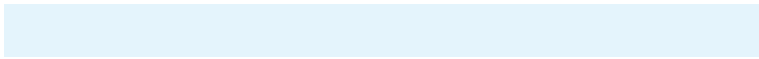
87.2524, 88.1196, 94.8482



85.6922, 88.1196, 87.9054



80.3524, 88.1196, 97.0548



81.8473, 88.1196, 104.4652

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.2543, 88.1232, 94.8501



92.7676, 96.5183, 104.8001



88.4811, 88.4874, 107.0241



19.8800, 20.6953, 22.4745



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

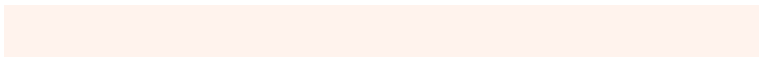
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2543, 88.1232, 94.8501



86.2660, 86.6207, 93.0589



88.5787, 91.4783, 93.1138



18.1327, 18.0364, 19.3161



21.8073, 11.2122, 2.3700



2.1563, 1.1049, 0.4046

Inverse Universe

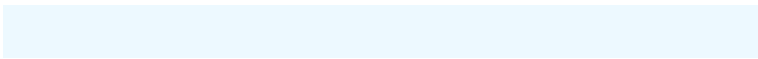
The Inverse Universe completely reimagines the original color for something new.



87.2543, 88.1232, 94.8501



86.2660, 86.6207, 93.0589



86.8533, 92.9781, 107.9767



18.1327, 18.0364, 19.3161



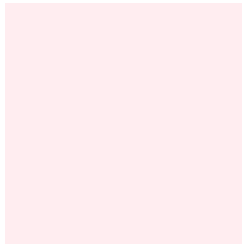
21.8073, 11.2122, 2.3700



2.1563, 1.1049, 0.4046

Previews

White Background



This preview shows how the XYZ color 87.2524, 88.1196, 94.8482 looks on a white background.

Color Contrast Check

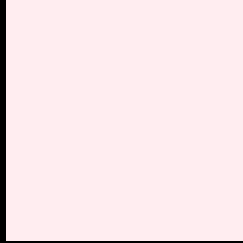
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 87.2524, 88.1196, 94.8482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

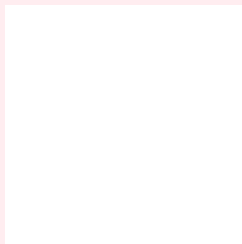
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.2524, 88.1196, 94.8482

Background



This preview shows how black text looks on a background with the XYZ color 87.2524, 88.1196, 94.8482.



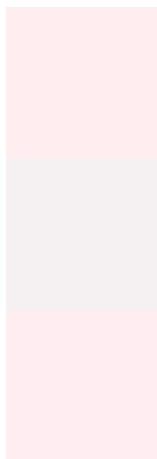
This preview shows how white text looks on a background with the XYZ color 87.2524, 88.1196,

94.8482.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.2524, 88.1196, 94.8482

Protanopia

84.8433, 88.1435, 96.5461

Deuteranopia

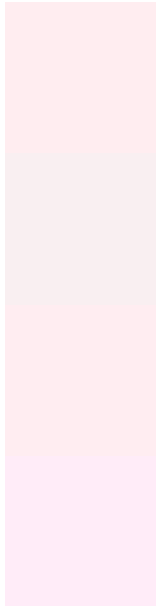
87.4014, 88.1792, 95.6328



Tritanopia

88.8061, 88.2792, 104.4545

Trichromacy



Original Color

87.2524, 88.1196, 94.8482

Protanomaly

85.8106, 88.2236, 95.7252

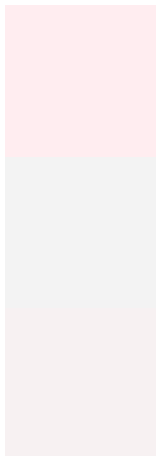
Deuteranomaly

87.4014, 88.1792, 95.6328

Tritanomaly

88.1787, 88.0282, 101.1506

Monochromacy



Original Color

87.2524, 88.1196, 94.8482

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.8401, 89.0956, 96.6773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.2524, 88.1196, 94.8482 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(255, 237, 240) looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 237, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 240) }
```

Border

The CSS property to change the border of an element to XYZ 87.2524, 88.1196, 94.8482 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 237, 240) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 237, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 237, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 87.2524, 88.1196, 94.8482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
237, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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