

Converting Colors

XYZ(28.1126, 35.6378, 24.3648)

Have a look what the booklet for
XYZ(28.1126, 35.6378, 24.3648)
contains.

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Color

**XYZ(28.1927, 35.7320,
24.4798)**

Conversions

Conversions Part 1

Format	Color
Hex	87AB7C
RGB	135, 171, 124
RGB Percent	53%, 67%, 49%
CMY	0.4706, 0.3294, 0.5137
CMYK	0.21, 0.00, 0.27, 0.33
HSL	106°, 22%, 58%
HSV	106°, 27%, 67%
XYZ	28.1927, 35.7320, 24.4798
YIQ	154.8780, -6.3690, -22.2490

Conversions

Conversions Part 2

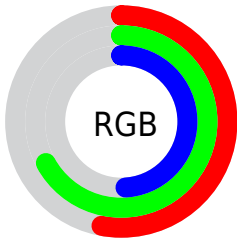
Format	Color
RYB	124, 171, 160
Decimal	8891260
CIELab	66.31, -21.35, 20.31
CIElCh	66, 29.467, 136.432
Yxy	35.7320, 0.3189, 0.4042
Android (android.graphics.Color)	4287081340 (0xFF87AB7C)
YUV	154.8780, -15.2229, -17.4330
Hunter-Lab	59.7762, -20.4212, 17.5627

Details

The XYZ color **28.1927, 35.7320, 24.4798** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.0570, 24.8302, 41.7913**, and the grayscale version is **31.1698, 32.7930, 35.7116**.

A 20% lighter version of the original color is **56.1184, 68.3859, 51.8370**, and **11.5230, 15.5865, 9.0578** is the 20% darker color. If you saturate the color by 10%, you get **25.2245, 34.3172, 19.1771**, and if you desaturate by 10%, it is **31.6097, 37.3586, 30.7840**.

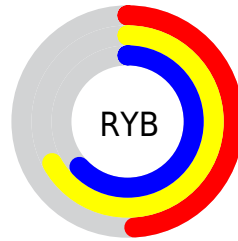
Distribution



Red (53%)

Green (67%)

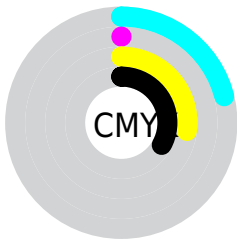
Blue (49%)



Red (49%)

Yellow (67%)

Blue (63%)

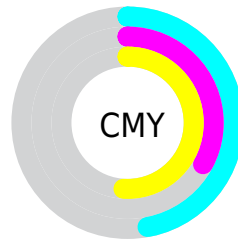


Cyan (21%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1927, 35.7320, 24.4798 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 28.1927, 35.7320, 24.4798 by changing the saturation by 10% instead.

■ 28.1927, 35.7320,
24.4798

■ 28.1927, 35.7320,
24.4798

285.4500,
327.7876, 288.6016

■ 18.6122, 24.2273,
15.4744

■ 56.1984, 68.6182,
51.7656

■ 11.4927, 15.5023,
9.0027

■ 75.3544, 90.7685,
70.8832

■ 6.4690, 9.1727,
4.6461

■ 98.4328, 117.2361,
94.2086

■ 3.1756, 4.8540,
1.9861

125.7991,
148.4054, 122.1603

■ 1.2473, 2.1618,
0.5467

157.8186,
184.6608, 155.1569

■ 0.1432, 0.6991,
0.0000

194.8567,

■ 0.0000, 0.0000,

226.3867, 193.6170

0.0000

237.2787,
273.9676, 237.9590

■ 28.1927, 35.7320,
24.4798

■ 28.1927, 35.7320,
24.4798

■ 25.2245, 34.3172,
19.1771

■ 31.6097, 37.3586,
30.7840

■ 22.6832, 33.1009,
14.8220

■ 35.4905, 39.2006,
38.1350

■ 20.5492, 32.0752,
11.3594

■ 39.8530, 41.2671,
46.5784

■ 18.8003, 31.2301,
8.7274

■ 44.7132, 43.5657,
56.1560

■ 17.4120, 30.5543,
6.8561

■ 50.0863, 46.1032,
66.9079

■ 16.3566, 30.0355,
5.6644

■ 55.9870, 48.8864,
78.8719

■ 15.5965, 29.6570,
5.0258

■ 62.4292, 51.9217,
92.0842

■ 15.4394, 29.5788,
4.8955

■ 68.4776, 54.8358,
101.5830

■ 73.0811, 57.2090,
101.7984

Harmonies

Analogous

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



31.6244, 35.7320, 19.9837



28.1927, 35.7320, 24.4798



26.3828, 35.7320, 33.4932

Triad

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



28.1927, 35.7320, 24.4798



32.0155, 35.7320, 67.5382



42.7420, 35.7320, 32.4456

Complementary

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



28.1927, 35.7320, 24.4798



29.0570, 24.8302, 41.7913

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.



42.8698, 35.7320, 44.8728



28.1927, 35.7320, 24.4798



36.4125, 35.7320, 67.0864

Square

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



28.1927, 35.7320, 24.4798



28.4577, 35.7320, 59.2388



40.4696, 35.7320, 58.1126



40.1344, 35.7320, 23.8563

Rectangle

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



28.1927, 35.7320, 24.4798



26.2285, 35.7320, 41.6845



40.4696, 35.7320, 58.1126



43.0837, 35.7320, 36.2540

Sweetspot

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



28.1936, 35.7335, 24.4806



63.0770, 69.9744, 67.3728



32.8754, 34.9971, 24.0917



13.8275, 15.4912, 14.5681



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.1936, 35.7335, 24.4806



47.1556, 62.4037, 37.8429



27.3024, 35.1830, 28.5523



8.0734, 9.0264, 8.5301



11.6785, 22.3176, 3.6922



0.3726, 0.6455, 0.1049

Inverse Universe

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



29.0570, 24.8302, 41.7913



48.9542, 39.5859, 74.0626



30.2833, 25.5861, 36.2588



8.1511, 8.0522, 10.0773



12.6435, 5.8778, 29.5127



0.3958, 0.1862, 0.8231

Previews

White Background



This preview shows how the XYZ color 28.1927, 35.7320, 24.4798 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 28.1927, 35.7320, 24.4798 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 28.1927, 35.7320, 24.4798

Background



This preview shows how black text looks on a background with the XYZ color 28.1927, 35.7320, 24.4798.



This preview shows how white text looks on a background with the XYZ color 28.1927, 35.7320,

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

28.1927, 35.7320, 24.4798

Protanopia

33.0879, 35.5923, 22.5788

Deuteranopia

36.1909, 35.3611, 25.3400



Tritanopia

32.7129, 35.6545, 46.7528

Trichromacy



Original Color

28.1927, 35.7320, 24.4798

Protanomaly

31.2044, 35.6617, 23.3279

Deuteranomaly

32.7638, 35.1089, 25.1285

Tritanomaly

30.9748, 35.7688, 37.6193

Monochromacy



Original Color

28.1927, 35.7320, 24.4798

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.9917, 33.7993, 31.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1927, 35.7320, 24.4798 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(135, 171, 124)` looks like.

```
.text, #text, p{  
    color:rgb(135, 171, 124)  
}
```

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(135, 171, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 171, 124) }
```

Border

The CSS property to change the border of an element to XYZ 28.1927, 35.7320, 24.4798 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(135, 171, 124) }
```


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

```
.border{ border-color:rgb(135, 171, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 171, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 171, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 171, 124);  
box-shadow:4px 4px 4px 4px rgb(135, 171,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1927, 35.7320, 24.4798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 171, 124) }
```

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

```
.background{ background-color: rgb(135,  
171, 124) }
```

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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