

Converting Colors

XYZ(59.7464, 59.2155, 54.7381)

Have a look what the booklet for
XYZ(59.7464, 59.2155, 54.7381)
contains.

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Color

**XYZ(59.6542, 59.0326,
54.7047)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C4BA
RGB	225, 196, 186
RGB Percent	88%, 77%, 73%
CMY	0.1176, 0.2314, 0.2706
CMYK	0.00, 0.13, 0.17, 0.12
HSL	15°, 39%, 81%
HSV	15°, 17%, 88%
XYZ	59.6542, 59.0326, 54.7047
YIQ	203.5310, 20.4940, 3.0380

Conversions

Conversions Part 2

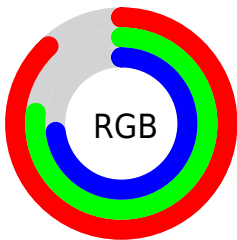
Format	Color
R _Y B	225, 199, 186
Decimal	14795962
CIE Lab	81.31, 8.65, 8.78
CIE LCh	81, 12.328, 45.410
Yxy	59.0326, 0.3440, 0.3405
Android (android.graphics.Color)	4292986042 (0xFFE1C4BA)
YUV	203.5310, -8.6428, 18.8283
Hunter-Lab	76.8327, 4.1333, 11.5685

Details

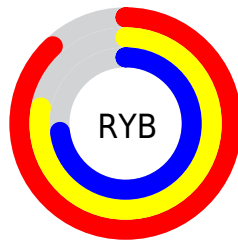
The XYZ color **59.6542, 59.0326, 54.7047** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.1403, 64.4747, 80.6152**, and the grayscale version is **57.1437, 60.1196, 65.4703**.

A 20% lighter version of the original color is **92.3923, 97.9214, 98.0355**, and **30.2688, 29.4745, 26.2841** is the 20% darker color. If you saturate the color by 10%, you get **53.8831, 51.0214, 41.8945**, and if you desaturate by 10%, it is **66.2259, 68.0412, 69.6413**.

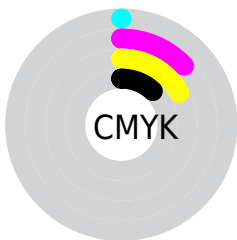
Distribution



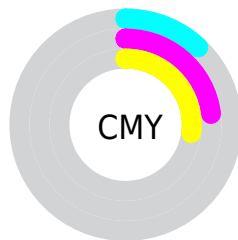
- Red (88%)
- Green (77%)
- Blue (73%)



- Red (88%)
- Yellow (78%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (17%)
- Black (12%)





- Cyan (12%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6542, 59.0326, 54.7047 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 59.6542, 59.0326, 54.7047 by changing the saturation by 10% instead.


 59.6542, 59.0326,
54.7047

 59.6542, 59.0326,
54.7047


413.1772,
421.0227, 422.0419

 43.3884, 42.6394,
38.7683


 103.4371,
103.4250, 98.5750

 30.3858, 29.6023,
26.2731


131.6848,
132.1930, 127.3460

 20.2811, 19.5369,
16.8005


164.6573,
165.8547, 161.2322

 12.7090, 12.0589,
9.9319

202.7198,
204.7946, 200.6524

 7.3041, 6.7838,
5.2488

246.2376,
249.3969, 246.0248

 3.7010, 3.3272,
2.3327

295.5763,

 1.5344, 1.3049,

300.0461, 297.7682

0.7494

351.1010,
357.1265, 356.3011

■ 0.3491, 0.1450,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6542, 59.0326,
54.7047

■ 59.6542, 59.0326,
54.7047

■ 53.8831, 51.0214,
41.8945

■ 66.2259, 68.0412,
69.6413

■ 48.8766, 43.9652,
31.1099

■ 73.6230, 78.0720,
86.7916

■ 44.6027, 37.8301,
22.2473

■ 81.8750, 89.1591,
106.2422

■ 41.0253, 32.5770,
15.1923

■ 84.8615, 94.7477,
108.4232

■ 38.1052, 28.1642,
9.8187

■ 35.7988, 24.5461,
5.9832

■ 34.0565, 21.6725,
3.5185

■ 32.8168, 19.4855,
2.2038

■ 32.5504, 19.0053,
1.9528

Harmonies

Analogous

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



61.0148, 59.0326, 60.5845



59.6542, 59.0326, 54.7047



57.3643, 59.0326, 51.5161

Triad

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



59.6542, 59.0326, 54.7047



51.4557, 59.0326, 60.7728



57.4337, 59.0326, 78.9269

Complementary

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



59.6542, 59.0326, 54.7047



58.1403, 64.4747, 80.6152

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.



54.8716, 59.0326, 78.9871



59.6542, 59.0326, 54.7047



51.4729, 59.0326, 68.1155

Square

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



59.6542, 59.0326, 54.7047



52.6586, 59.0326, 54.8335



52.7066, 59.0326, 74.9043



59.7063, 59.0326, 74.7458

Rectangle

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



59.6542, 59.0326, 54.7047



55.6436, 59.0326, 51.1770



52.7066, 59.0326, 74.9043



56.5764, 59.0326, 79.4398

Sweetspot

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



59.6558, 59.0353, 54.7059



90.1147, 93.3061, 97.4617



60.9088, 56.0453, 72.0667



19.1446, 19.7760, 20.5297



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.



59.6558, 59.0353, 54.7059



76.1836, 74.1942, 65.8419



64.2790, 68.2816, 56.2470



13.9916, 14.2692, 14.3236



18.8367, 11.1113, 1.1519



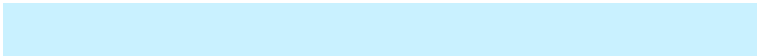
1.3770, 0.9128, 0.1036

Inverse Universe

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



58.1403, 64.4747, 80.6152



73.7919, 82.7666, 106.6940



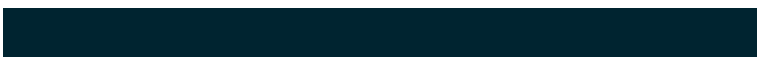
53.5246, 55.2433, 79.0766



13.8034, 14.9459, 17.5450



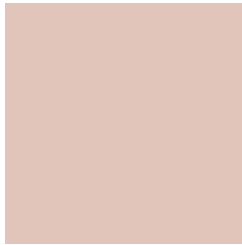
15.9230, 19.3156, 43.9374



1.1744, 1.4802, 3.0691

Previews

White Background



This preview shows how the XYZ color 59.6542, 59.0326, 54.7047 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 59.6542, 59.0326, 54.7047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

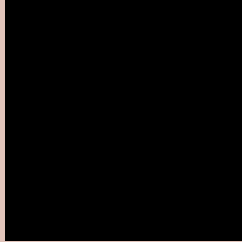
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6542, 59.0326, 54.7047

Background



This preview shows how black text looks on a background with the XYZ color 59.6542, 59.0326, 54.7047.

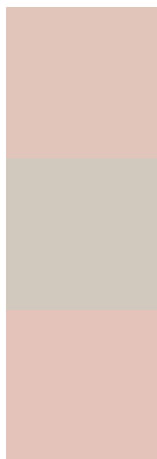


This preview shows how white text looks on a background with the XYZ color 59.6542, 59.0326,

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

59.6542, 59.0326, 54.7047

Protanopia

56.3664, 59.0027, 56.5619

Deuteranopia

60.3729, 59.0694, 54.6739



Tritanopia

62.4500, 59.1880, 67.8075

Trichromacy



Original Color

59.6542, 59.0326, 54.7047

Protanomaly

57.5249, 58.9248, 55.9187

Deuteranomaly

60.0566, 58.9063, 54.6591

Tritanomaly

61.3957, 59.0846, 62.8121

Monochromacy



Original Color

59.6542, 59.0326, 54.7047

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.1161, 59.8016, 61.3031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6542, 59.0326, 54.7047 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(225, 196, 186)` looks like.

```
.text, #text, p{  
    color:rgb(225, 196, 186)  
}
```

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(225, 196, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 196, 186) }
```

Border

The CSS property to change the border of an element to XYZ 59.6542, 59.0326, 54.7047 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(225, 196, 186) }
```


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

```
.border{ border-color:rgb(225, 196, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 196, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 196, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 196, 186); box-shadow:4px 4px 4px 4px rgb(225, 196, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6542, 59.0326, 54.7047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 196, 186) }
```

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

```
.background{ background-color: rgb(225,  
196, 186) }
```

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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