

Converting Colors

XYZ(31.4634, 25.6742, 14.9439)

Have a look what the booklet for
XYZ(31.4634, 25.6742, 14.9439)
contains.

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Color

**XYZ(31.5664, 25.8113,
14.8736)**

Conversions

Conversions Part 1

Format	Color
Hex	C47762
RGB	196, 119, 98
RGB Percent	77%, 47%, 38%
CMY	0.2314, 0.5333, 0.6157
CMYK	0.00, 0.39, 0.50, 0.23
HSL	13°, 45%, 58%
HSV	13°, 50%, 77%
XYZ	31.5664, 25.8113, 14.8736
YIQ	139.6290, 52.6330, 9.7930

Conversions

Conversions Part 2

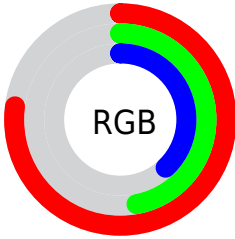
Format	Color
RYB	196, 125, 98
Decimal	12875618
CIELab	57.86, 27.91, 24.34
CIELCh	58, 37.028, 41.093
Yxy	25.8113, 0.4369, 0.3572
Android (android.graphics.Color)	4291065698 (0xFFC47762)
YUV	139.6290, -20.5231, 49.4374
Hunter-Lab	50.8048, 21.9984, 18.2057

Details

The XYZ color **31.5664, 25.8113, 14.8736** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.3299, 37.2402, 57.8139**, and the grayscale version is **24.8468, 26.1407, 28.4672**.

A 20% lighter version of the original color is **61.4173, 52.9350, 35.4142**, and **13.3731, 9.9842, 4.3543** is the 20% darker color. If you saturate the color by 10%, you get **29.0653, 22.1132, 10.0197**, and if you desaturate by 10%, it is **34.5924, 30.1966, 21.0208**.

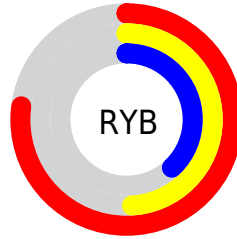
Distribution



Red (77%)

Green (47%)

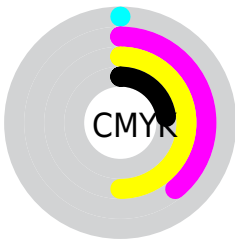
Blue (38%)



Red (77%)

Yellow (49%)

Blue (38%)

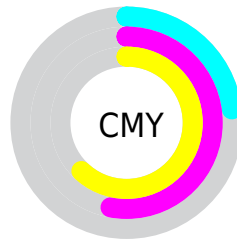


Cyan (0%)

Magenta (39%)

Yellow (50%)

Black (23%)



Cyan (23%)


Magenta (53%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5664, 25.8113, 14.8736 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 31.5664, 25.8113, 14.8736 by changing the saturation by 10% instead.


 31.5664, 25.8113,
14.8736


 31.5664, 25.8113,
14.8736


300.9198,
281.8545, 234.2142


 21.1845, 16.6825,
8.5851


 61.5005, 52.9704,
35.3704

 13.3721, 10.0084,
4.3785


 81.7834, 71.7695,
50.4159

 7.7641, 5.4045,
1.8352

 106.0973, 94.5608,
69.2173

 3.9949, 2.4865,
0.4510

 134.8076,
121.7287, 92.1934

 1.6992, 0.8699,
0.0000

168.2797,
153.6576, 119.7625

 0.4558, 0.0000,
0.0000

206.8788,

 0.0000, 0.0000,

190.7320, 152.3434

0.0000

250.9704,
233.3362, 190.3544

■ 31.5664, 25.8113,
14.8736

■ 31.5664, 25.8113,
14.8736

■ 29.0653, 22.1132,
10.0197

■ 34.5924, 30.1966,
21.0208

■ 27.0559, 19.0630,
6.3642

■ 38.1697, 35.2977,
28.5439

■ 25.5044, 16.6235,
3.8014


■ 42.3254, 41.1467,
37.5206


■ 24.3711, 14.7518,
2.2062


■ 47.0841, 47.7722,
48.0219

■ 23.5932, 13.3924,
1.3415

■ 52.4689, 55.2014,
60.1146

 23.5932, 13.3924,
1.3415

 58.5017, 63.4603,
73.8612

 65.2033, 72.5735,
89.3210

 72.5938, 82.5648,
106.5502

 76.5749, 90.4757,
108.0354

Harmonies

Analogous

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



33.9286, 25.8113, 23.6462



31.5664, 25.8113, 14.8736



27.4126, 25.8113, 10.7059

Triad

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



31.5664, 25.8113, 14.8736



17.2928, 25.8113, 20.8850



26.2170, 25.8113, 59.6802

Complementary

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



31.5664, 25.8113, 14.8736



30.3299, 37.2402, 57.8139

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.



21.8622, 25.8113, 58.2630



31.5664, 25.8113, 14.8736



17.0548, 25.8113, 33.0899

Square

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



31.5664, 25.8113, 14.8736



19.3255, 25.8113, 13.3808



18.6304, 25.8113, 47.4942



30.6006, 25.8113, 50.9255

Rectangle

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



31.5664, 25.8113, 14.8736



24.3700, 25.8113, 10.0279



18.6304, 25.8113, 47.4942



24.6965, 25.8113, 60.4328

Sweetspot

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



31.5670, 25.8126, 14.8741



80.6431, 80.0793, 76.6818



35.0088, 23.6217, 43.9964



16.8726, 16.5988, 15.5583



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.



31.5670, 25.8126, 14.8741



52.2735, 39.4897, 17.4375



38.7151, 40.1087, 17.2568



10.2443, 10.4201, 10.5332



15.2120, 8.7097, 0.8794



0.7091, 0.4801, 0.0553

Inverse Universe

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



30.3299, 37.2402, 57.8139



49.7056, 62.3971, 104.0318



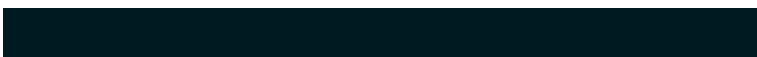
22.6421, 21.8647, 55.2513



10.1794, 11.0501, 12.8812



13.8908, 17.5381, 36.2097



0.6470, 0.8514, 1.5801

Previews

White Background



This preview shows how the XYZ color 31.5664, 25.8113, 14.8736 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5664, 25.8113, 14.8736 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 × Fail

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

XYZ 31.5664, 25.8113, 14.8736

Background



This preview shows how black text looks on a background with the XYZ color 31.5664, 25.8113, 14.8736.



This preview shows how white text looks on a background with the XYZ color 31.5664, 25.8113,

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

31.5664, 25.8113, 14.8736

Protanopia

24.2809, 25.9163, 17.6325

Deuteranopia

26.3894, 25.8168, 14.4187



Tritanopia

33.0575, 25.7225, 22.2914

Trichromacy



Original Color

31.5664, 25.8113, 14.8736

Protanomaly

26.4758, 25.6090, 16.6443

Deuteranomaly

28.1906, 25.7478, 14.5504

Tritanomaly

32.3659, 25.5989, 19.4549

Monochromacy



Original Color

31.5664, 25.8113, 14.8736

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.4501, 25.4568, 22.9216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5664, 25.8113, 14.8736 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(196, 119, 98)` looks like.

```
.text, #text, p{  
    color:rgb(196, 119, 98)  
}
```

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(196, 119, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 119, 98) }
```

Border

The CSS property to change the border of an element to XYZ 31.5664, 25.8113, 14.8736 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(196, 119, 98) }
```


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

```
.border{ border-color:rgb(196, 119, 98) }
```

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

Here you see how a box with a 4 pixel rgb(196, 119, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 119, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 119, 98);  
box-shadow:4px 4px 4px 4px rgb(196, 119,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5664, 25.8113, 14.8736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 119, 98) }
```

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

```
.background{ background-color: rgb(196,  
119, 98) }
```

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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