

Converting Colors

XYZ(31.6570, 25.2209, 19.7370)

Have a look what the booklet for
XYZ(31.6570, 25.2209, 19.7370)
contains.

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Color

**XYZ(31.6459, 25.2211,
19.7232)**

Conversions

Conversions Part 1

Format	Color
Hex	C27474
RGB	194, 116, 116
RGB Percent	76%, 45%, 45%
CMY	0.2392, 0.5451, 0.5451
CMYK	0.00, 0.40, 0.40, 0.24
HSL	0°, 39%, 61%
HSV	0°, 40%, 76%
XYZ	31.6459, 25.2211, 19.7232
YIQ	139.3220, 46.4880, 16.5360

Conversions

Conversions Part 2

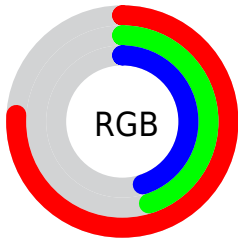
Format	Color
RYB	194, 116, 116
Decimal	12743796
CIELab	57.29, 30.64, 13.20
CIELCh	57, 33.364, 23.306
Yxy	25.2211, 0.4132, 0.3293
Android (android.graphics.Color)	4290933876 (0xFFC27474)
YUV	139.3220, -11.4977, 47.9526
Hunter-Lab	50.2206, 24.5935, 11.8694

Details

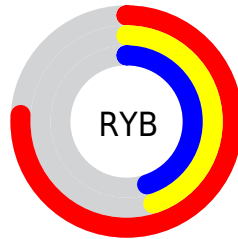
The XYZ color **31.6459, 25.2211, 19.7232** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.2308, 46.1895, 58.0447**, and the grayscale version is **24.6958, 25.9819, 28.2943**.

A 20% lighter version of the original color is **61.7639, 52.0857, 43.8440**, and **13.4728, 9.7171, 6.6343** is the 20% darker color. If you saturate the color by 10%, you get **28.6256, 20.8018, 13.7183**, and if you desaturate by 10%, it is **35.3700, 30.6709, 27.1258**.

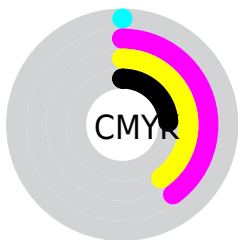
Distribution



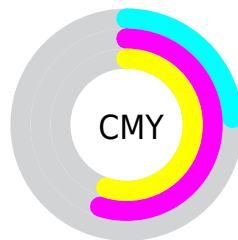
- Red (76%)
- Green (45%)
- Blue (45%)



- Red (76%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (24%)





- Cyan (24%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.6459, 25.2211, 19.7232 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 31.6459, 25.2211, 19.7232 by changing the saturation by 10% instead.


 31.6459, 25.2211,
19.7232


 31.6459, 25.2211,
19.7232


301.2771,
278.9373, 262.9672


 21.2454, 16.2419,
12.0119


 61.6245, 52.0157,
43.8055

 13.4170, 9.6955,
6.6292


 81.9333, 70.5998,
61.0135

 7.7953, 5.1975,
3.1564


 106.2757, 93.1544,
82.2243

 4.0149, 2.3636,
1.1750

135.0168,
120.0637, 107.8563

 1.7106, 0.8071,
0.0000

168.5222,
151.7123, 138.3280

 0.4629, 0.0000,
0.0000

207.1571,

 0.0000, 0.0000,

188.4845, 174.0580

0.0000

251.2870,
230.7647, 215.4649

■ 31.6459, 25.2211,
19.7232

■ 31.6459, 25.2211,
19.7232

■ 28.6256, 20.8018,
13.7183

■ 35.3700, 30.6709,
27.1258

■ 26.2632, 17.3449,
9.0221

■ 39.8364, 37.2064,
36.0046

■ 24.5102, 14.7797,
5.5374


■ 45.0828, 44.8833,
46.4343


■ 23.3108, 13.0245,
3.1532


■ 51.1439, 53.7525,
58.4838


■ 22.5987, 11.9825,
1.7379

■ 58.0526, 63.8617,
72.2181

 22.2482, 11.4696,
1.0412

 65.8394, 75.2560,
87.6984

 74.5339, 87.9784,
104.9831

 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



32.3343, 25.2211, 30.0760



31.6459, 25.2211, 19.7232



28.8028, 25.2211, 13.4518

Triad

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



31.6459, 25.2211, 19.7232



18.3829, 25.2211, 16.4064



23.0974, 25.2211, 55.2259

Complementary

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



31.6459, 25.2211, 19.7232



36.2308, 46.1895, 58.0447

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.



19.7138, 25.2211, 48.8564



31.6459, 25.2211, 19.7232



17.1920, 25.2211, 25.0030

Square

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



31.6459, 25.2211, 19.7232



21.0908, 25.2211, 11.9368



17.6511, 25.2211, 36.9978



27.1042, 25.2211, 52.6748

Rectangle

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



31.6459, 25.2211, 19.7232



26.2206, 25.2211, 11.4512



17.6511, 25.2211, 36.9978



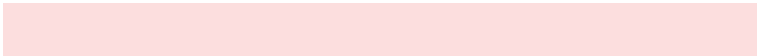
21.8556, 25.2211, 54.0104

Sweetspot

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



31.6466, 25.2224, 19.7237



79.6770, 78.3883, 80.1479



38.2312, 27.8553, 54.4004



17.1609, 16.7454, 16.9798



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.



31.6466, 25.2224, 19.7237



52.5775, 38.7340, 26.2755



37.1219, 36.1731, 21.5488



10.0733, 10.0780, 10.4762



14.6276, 7.5410, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



36.2308, 46.1895, 58.0447



61.9942, 81.8031, 104.9919



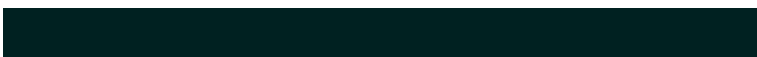
28.6615, 31.0509, 55.5216



10.3685, 11.4284, 12.9442



19.0843, 27.9250, 37.9408



0.8246, 1.2066, 1.6393

Previews

White Background



This preview shows how the XYZ color 31.6459, 25.2211, 19.7232 looks on a white background.

Color Contrast Check

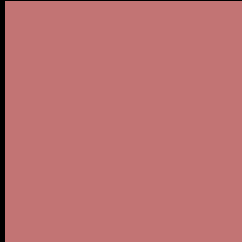
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6459, 25.2211, 19.7232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

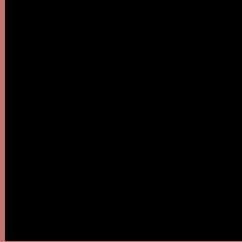
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.6459, 25.2211, 19.7232

Background



This preview shows how black text looks on a background with the XYZ color 31.6459, 25.2211, 19.7232.



This preview shows how white text looks on a background with the XYZ color 31.6459, 25.2211,

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

31.6459, 25.2211, 19.7232

Protanopia

24.1041, 25.2633, 23.6845

Deuteranopia

25.8654, 25.4409, 19.1701



Tritanopia

32.2116, 25.2936, 21.9233

Trichromacy



Original Color

31.6459, 25.2211, 19.7232

Protanomaly

26.3257, 24.8120, 22.1406

Deuteranomaly

27.6399, 25.1643, 19.3200

Tritanomaly

32.0266, 25.2196, 20.9492

Monochromacy



Original Color

31.6459, 25.2211, 19.7232

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.5111, 25.2422, 24.9477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6459, 25.2211, 19.7232 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(194, 116, 116)` looks like.

```
.text, #text, p{  
    color:rgb(194, 116, 116)  
}
```

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(194, 116, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 116, 116) }
```

Border

The CSS property to change the border of an element to XYZ 31.6459, 25.2211, 19.7232 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(194, 116, 116) }
```


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

```
.border{ border-color:rgb(194, 116, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 116, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 116, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 116, 116);  
box-shadow:4px 4px 4px 4px rgb(194, 116,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6459, 25.2211, 19.7232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 116, 116) }
```

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

```
.background{ background-color: rgb(194,  
116, 116) }
```

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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