

Converting Colors

XYZ(31.4455, 25.0172, 16.5360)

Have a look what the booklet for
XYZ(31.4455, 25.0172, 16.5360)
contains.

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Color

**XYZ(31.4455, 25.0172,
16.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	C47369
RGB	196, 115, 105
RGB Percent	77%, 45%, 41%
CMY	0.2314, 0.5490, 0.5882
CMYK	0.00, 0.41, 0.46, 0.23
HSL	7°, 44%, 59%
HSV	7°, 46%, 77%
XYZ	31.4455, 25.0172, 16.5360
YIQ	138.0790, 51.4860, 14.0620

Conversions

Conversions Part 2

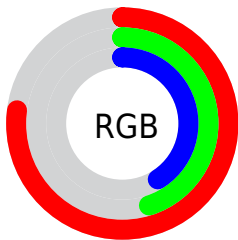
Format	Color
R_{YB}	196, 116, 105
Decimal	12874601
CIE _{Lab}	57.09, 30.76, 19.32
CIE _{LCh}	57, 36.324, 32.125
Yxy	25.0172, 0.4308, 0.3427
Android (android.graphics.Color)	4291064681 (0xFFC47369)
YUV	138.0790, -16.3079, 50.7967
Hunter-Lab	50.0172, 24.6917, 15.4104

Details

The XYZ color **31.4455, 25.0172, 16.5360** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.3474, 42.1044, 58.5938**, and the grayscale version is **24.2348, 25.4969, 27.7661**.

A 20% lighter version of the original color is **61.2434, 51.6656, 38.1971**, and **13.3015, 9.5750, 5.1501** is the 20% darker color. If you saturate the color by 10%, you get **28.7473, 21.0514, 11.2262**, and if you desaturate by 10%, it is **34.7536, 29.8313, 23.1949**.

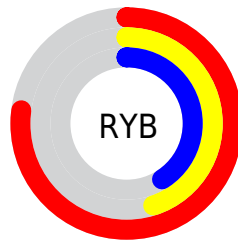
Distribution



Red (77%)

Green (45%)

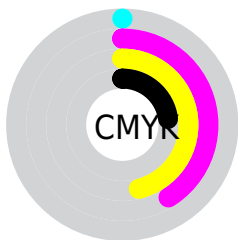
Blue (41%)



Red (77%)

Yellow (45%)

Blue (41%)

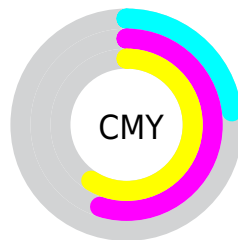


Cyan (0%)

Magenta (41%)

Yellow (46%)

Black (23%)



Cyan (23%)


Magenta (55%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4455, 25.0172, 16.5360 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 31.4455, 25.0172, 16.5360 by changing the saturation by 10% instead.


 31.4455, 25.0172,
16.5360


 31.4455, 25.0172,
16.5360


300.3759,
277.9236, 244.4369


 21.0918, 16.0899,
9.7458


 61.3119, 51.6851,
38.3059

 13.3040, 9.5878,
5.1273


 81.5553, 70.1945,
54.1227

 7.7166, 5.1265,
2.2621


 105.8259, 92.6667,
73.7854

 3.9644, 2.3217,
0.7099

 134.4892,
119.4861, 97.7126

 1.6820, 0.7851,
0.0000

167.9105,
151.0371, 126.3228

 0.4450, 0.0000,
0.0000

206.4552,

 0.0000, 0.0000,

187.7041, 160.0345

0.0000

250.4885,
229.8714, 199.2664

■ 31.4455, 25.0172,
16.5360

■ 31.4455, 25.0172,
16.5360

■ 28.7473, 21.0514,
11.2262

■ 34.7536, 29.8313,
23.1949

■ 26.6195, 17.8810,
7.1719

■ 38.7040, 35.5350,
31.2851

■ 25.0213, 15.4532,
4.2696


■ 43.3290, 42.1714,
40.8839


■ 23.9052, 13.7071,
2.3987


■ 48.6581, 49.7798,
52.0626


■ 23.2133, 12.5712,
1.4040

■ 54.7192, 58.3971,
64.8881

 23.0433, 12.2925,
1.1582

 61.5386, 68.0584,
79.4232

 69.1413, 78.7971,
95.7277

 76.4366, 90.1992,
107.9893

 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.



32.9801, 25.0172, 26.3755



31.4455, 25.0172, 16.5360



27.8344, 25.0172, 11.2729

Triad

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



31.4455, 25.0172, 16.5360



17.2238, 25.0172, 17.6442



24.0843, 25.0172, 58.2080

Complementary

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



31.4455, 25.0172, 16.5360



33.3474, 42.1044, 58.5938

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.



20.1363, 25.0172, 53.8160



31.4455, 25.0172, 16.5360



16.4699, 25.0172, 28.1221

Square

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



31.4455, 25.0172, 16.5360



19.6673, 25.0172, 11.7648



17.4709, 25.0172, 41.7825



28.4251, 25.0172, 52.4527

Rectangle

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



31.4455, 25.0172, 16.5360



24.9229, 25.0172, 9.9352



17.4709, 25.0172, 41.7825



22.6689, 25.0172, 57.8670

Sweetspot

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



31.4461, 25.0185, 16.5365



80.5136, 79.2860, 78.2853



36.7755, 25.4226, 49.9263



16.8040, 16.3566, 15.8595



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.



31.4461, 25.0185, 16.5365



51.8820, 37.8467, 19.9583



37.8163, 37.7589, 18.6599



10.1604, 10.2522, 10.5052



14.8384, 7.9625, 0.7548



0.6716, 0.4049, 0.0428

Inverse Universe

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



33.3474, 42.1044, 58.5938



55.7119, 72.5865, 105.6820



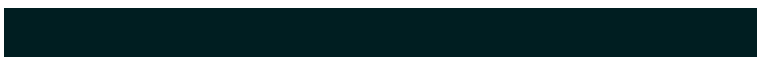
25.3736, 26.1569, 55.9359



10.2709, 11.2332, 12.9117



16.2227, 22.2019, 36.9870



0.7285, 1.0143, 1.6073

Previews

White Background



This preview shows how the XYZ color 31.4455, 25.0172, 16.5360 looks on a white background.

Color Contrast Check

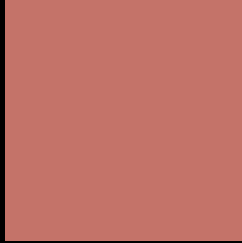
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4455, 25.0172, 16.5360 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 31.4455, 25.0172, 16.5360

Background



This preview shows how black text looks on a background with the XYZ color 31.4455, 25.0172, 16.5360.



This preview shows how white text looks on a background with the XYZ color 31.4455, 25.0172,

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

31.4455, 25.0172, 16.5360

Protanopia

23.7172, 25.1489, 19.8238

Deuteranopia

25.5498, 25.1432, 16.0769



Tritanopia

32.3823, 25.0610, 21.2197

Trichromacy



Original Color

31.4455, 25.0172, 16.5360

Protanomaly

26.0293, 24.7407, 18.4425

Deuteranomaly

27.3646, 24.8997, 16.1958

Tritanomaly

32.1378, 25.1427, 19.3788

Monochromacy



Original Color

31.4455, 25.0172, 16.5360

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.0466, 24.8425, 23.1610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4455, 25.0172, 16.5360 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, 115, 105)` looks like.

```
.text, #text, p{  
    color:rgb(196, 115, 105)  
}
```

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, 115, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 115, 105) }
```

Border

The CSS property to change the border of an element to XYZ 31.4455, 25.0172, 16.5360 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, 115, 105) }
```


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

```
.border{ border-color:rgb(196, 115, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 115, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 115, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 115, 105);  
box-shadow:4px 4px 4px 4px rgb(196, 115,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4455, 25.0172, 16.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 115, 105) }
```

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

```
.background{ background-color: rgb(196,  
115, 105) }
```

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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