

Converting Colors

XYZ(32.4814, 25.5843, 11.1295)

Have a look what the booklet for
XYZ(32.4814, 25.5843, 11.1295)
contains.

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Color

**XYZ(32.4421, 25.4812,
11.1911)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7252
RGB	204, 114, 82
RGB Percent	80%, 45%, 32%
CMY	0.2000, 0.5529, 0.6784
CMYK	0.00, 0.44, 0.60, 0.20
HSL	16°, 54%, 56%
HSV	16°, 60%, 80%
XYZ	32.4421, 25.4812, 11.1911
YIQ	137.2620, 63.9120, 9.1280

Conversions

Conversions Part 2

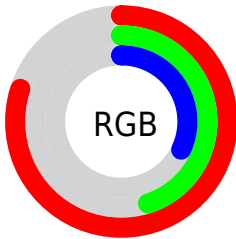
Format	Color
RYB	204, 125, 82
Decimal	13398610
CIELab	57.54, 32.44, 33.11
CIELCh	58, 46.355, 45.585
Yxy	25.4812, 0.4694, 0.3687
Android (android.graphics.Color)	4291588690 (0xFFCC7252)
YUV	137.2620, -27.2442, 58.5292
Hunter-Lab	50.4789, 26.3814, 22.1907

Details

The XYZ color **32.4421, 25.4812, 11.1911** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **29.1302, 35.6563, 62.4734**, and the grayscale version is **23.9607, 25.2085, 27.4521**.

A 20% lighter version of the original color is **59.2236, 50.5634, 28.4681**, and **13.8289, 9.8139, 2.8345** is the 20% darker color. If you saturate the color by 10%, you get **30.2181, 22.0964, 7.1726**, and if you desaturate by 10%, it is **35.1773, 29.5194, 16.5187**.

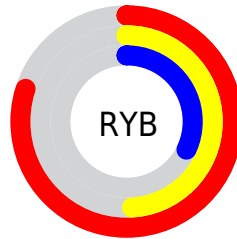
Distribution



Red (80%)

Green (45%)

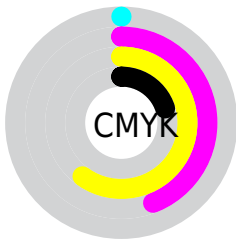
Blue (32%)



Red (80%)

Yellow (49%)

Blue (32%)

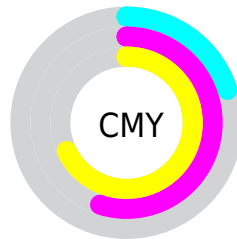


Cyan (0%)

Magenta (44%)

Yellow (60%)

Black (20%)



Cyan (20%)


Magenta (55%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4421, 25.4812, 11.1911 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 32.4421, 25.4812, 11.1911 by changing the saturation by 10% instead.

 32.4421, 25.4812,
11.1911


 32.4421, 25.4812,
11.1911


304.8379,
280.2259, 209.7582


 21.8566, 16.4359,
6.0797


 62.8641, 52.4368,
28.6550

 13.8676, 9.8332,
2.8241


 83.4312, 71.1159,
41.8447


 8.1097, 5.2885,
1.0055


 108.0563, 93.7751,
58.5642

 4.2176, 2.4175,
0.0000

 137.1046,
120.7988, 79.2321

 1.8260, 0.8349,
0.0000

 170.9416,
152.5713, 104.2669

 0.5332, 0.0000,
0.0000

209.9326,

 0.0000, 0.0000,

189.4771, 134.0871

0.0000

254.4429,
231.9005, 169.1114

■ 32.4421, 25.4812,
11.1911

■ 32.4421, 25.4812,
11.1911

■ 30.2181, 22.0964,
7.1726

■ 35.1773, 29.5194,
16.5187

■ 28.4687, 19.3254,
4.3460

■ 38.4532, 34.2400,
23.2559

■ 27.1548, 17.1299,
2.5750

■ 42.2989, 39.6747,
31.4951

■ 26.2144, 15.4592,
1.6138

■ 46.7410, 45.8523,
41.3201

■ 26.1985, 15.4309,
1.5977

■ 51.8043, 52.7996,
52.8088

■ 57.5120, 60.5425,
66.0337

■ 63.8863, 69.1051,
81.0631

■ 70.9482, 78.5111,
97.9616

■ 76.9635, 88.0809,
107.5527

Harmonies

Analogous

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



35.9629, 25.4812, 20.3460



32.4421, 25.4812, 11.1911



26.9616, 25.4812, 7.4768

Triad

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



32.4421, 25.4812, 11.1911



15.3172, 25.4812, 20.8379



27.1873, 25.4812, 68.5887

Complementary

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



32.4421, 25.4812, 11.1911



29.1302, 35.6563, 62.4734

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.



21.6692, 25.4812, 68.8831



32.4421, 25.4812, 11.1911



15.3586, 25.4812, 36.7494

Square

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



32.4421, 25.4812, 11.1911



17.3949, 25.4812, 11.4326



17.5182, 25.4812, 55.6501



32.6289, 25.4812, 54.9543

Rectangle

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



32.4421, 25.4812, 11.1911



23.1997, 25.4812, 7.1425



17.5182, 25.4812, 55.6501



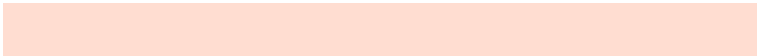
25.2679, 25.4812, 70.3856

Sweetspot

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



32.4427, 25.4825, 11.1916



78.6548, 77.6560, 71.2301



35.5103, 21.9085, 42.1464



16.3385, 15.9355, 14.1322



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.



32.4427, 25.4825, 11.1916



49.0546, 35.0488, 10.2084



41.4643, 43.5257, 14.1988



11.4477, 11.6843, 11.7314



16.5551, 9.8431, 1.0274



0.9175, 0.6347, 0.0741

Inverse Universe

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



29.1302, 35.6563, 62.4734



42.9506, 53.1201, 102.5972



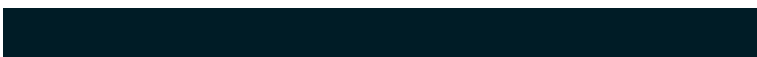
20.2283, 17.8526, 59.5061



11.2846, 12.2096, 14.3323



13.8524, 16.7287, 38.4551



0.7743, 0.9823, 2.0037

Previews

White Background



This preview shows how the XYZ color 32.4421, 25.4812, 11.1911 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 32.4421, 25.4812, 11.1911 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 32.4421, 25.4812, 11.1911

Background



This preview shows how black text looks on a background with the XYZ color 32.4421, 25.4812, 11.1911.



This preview shows how white text looks on a background with the XYZ color 32.4421, 25.4812,

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

32.4421, 25.4812, 11.1911

Protanopia

23.8834, 25.7999, 13.6186

Deuteranopia

25.9886, 25.4876, 10.7576



Tritanopia

34.1331, 25.3434, 19.9224

Trichromacy



Original Color

32.4421, 25.4812, 11.1911

Protanomaly

26.3216, 25.2159, 12.7124

Deuteranomaly

28.0363, 25.1768, 10.7791

Tritanomaly

33.3600, 25.3475, 16.2310

Monochromacy



Original Color

32.4421, 25.4812, 11.1911

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.7591, 24.5619, 20.2129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4421, 25.4812, 11.1911 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(204, 114, 82)` looks like.

```
.text, #text, p{  
    color:rgb(204, 114, 82)  
}
```

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(204, 114, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 114, 82) }
```

Border

The CSS property to change the border of an element to XYZ 32.4421, 25.4812, 11.1911 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(204, 114, 82) }
```


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

```
.border{ border-color:rgb(204, 114, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 114, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 114, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 114, 82);  
box-shadow:4px 4px 4px 4px rgb(204, 114,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4421, 25.4812, 11.1911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 114, 82) }
```

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

```
.background{ background-color: rgb(204,  
114, 82) }
```

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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