

Converting Colors

XYZ(32.7097, 25.9540, 11.4705)

Have a look what the booklet for
XYZ(32.7097, 25.9540, 11.4705)
contains.

XYZ(32.7086, 25.9527, 11.4691)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.7086, 25.9527,
11.4691)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7453
RGB	204, 116, 83
RGB Percent	80%, 45%, 33%
CMY	0.2000, 0.5451, 0.6745
CMYK	0.00, 0.43, 0.59, 0.20
HSL	16°, 54%, 56%
HSV	16°, 59%, 80%
XYZ	32.7086, 25.9527, 11.4691
YIQ	138.5500, 63.0410, 8.3930

Conversions

Conversions Part 2

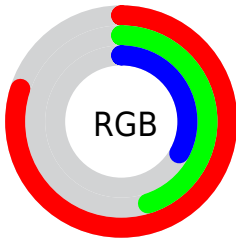
Format	Color
RYB	204, 128, 83
Decimal	13399123
CIELab	57.99, 31.45, 33.12
CIELCh	58, 45.674, 46.478
Yxy	25.9527, 0.4664, 0.3701
Android (android.graphics.Color)	4291589203 (0xFFCC7453)
YUV	138.5500, -27.3861, 57.3997
Hunter-Lab	50.9438, 25.4548, 22.3126

Details

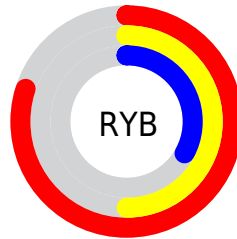
The XYZ color **32.7086, 25.9527, 11.4691** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **29.0284, 35.3226, 62.4145**, and the grayscale version is **24.4532, 25.7267, 28.0164**.

A 20% lighter version of the original color is **59.6616, 51.3294, 28.9534**, and **13.9592, 10.0497, 2.9543** is the 20% darker color. If you saturate the color by 10%, you get **30.4581, 22.5323, 7.3883**, and if you desaturate by 10%, it is **35.4652, 30.0147, 16.8621**.

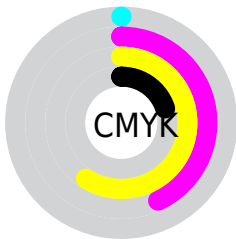
Distribution



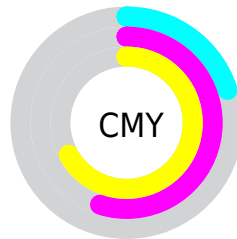
- Red (80%)
- Green (45%)
- Blue (33%)



- Red (80%)
- Yellow (50%)
- Blue (33%)



- Cyan (0%)
- Magenta (43%)
- Yellow (59%)
- Black (20%)





- Cyan (20%)
- Magenta (55%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7086, 25.9527, 11.4691 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 32.7086, 25.9527, 11.4691 by changing the saturation by 10% instead.


 32.7086, 25.9527,
11.4691


 32.7086, 25.9527,
11.4691


306.0229,
282.5498, 211.7098


 22.0615, 16.7883,
6.2652


 63.2780, 53.1986,
29.1742

 14.0189, 10.0836,
2.9356


 83.9311, 72.0489,
42.5125


 8.2156, 5.4544,
1.0618


 108.6501, 94.8966,
59.3992

 4.2862, 2.5163,
0.0000

 137.8005,
122.1261, 80.2531

 1.8653, 0.8848,
0.0000

 171.7476,
154.1217, 105.4925

 0.5565, 0.0000,
0.0000

210.8568,

 0.0000, 0.0000,

191.2680, 135.5361

0.0000

255.4935,
233.9492, 170.8023

■ 32.7086, 25.9527,
11.4691

■ 32.7086, 25.9527,
11.4691

■ 30.4581, 22.5323,
7.3883

■ 35.4652, 30.0147,
16.8621

■ 28.6779, 19.7151,
4.5034

■ 38.7564, 34.7459,
23.6669

■ 27.3298, 17.4648,
2.6797

■ 42.6110, 40.1768,
31.9754

■ 26.3560, 15.7335,
1.6880

■ 47.0548, 46.3350,
41.8708

■ 26.2988, 15.6314,
1.6311

■ 52.1121, 53.2466,
53.4307

■ 57.8056, 60.9362,
66.7271

■ 64.1569, 69.4274,
81.8280

■ 71.1868, 78.7428,
98.7977

■ 76.9901, 88.1339,
107.5615

Harmonies

Analogous

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



36.2892, 25.9527, 20.4937



32.7086, 25.9527, 11.4691



27.2291, 25.9527, 7.8286

Triad

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



32.7086, 25.9527, 11.4691



15.7314, 25.9527, 21.7389



27.7971, 25.9527, 68.4984

Complementary

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



32.7086, 25.9527, 11.4691



29.0284, 35.3226, 62.4145

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.



22.2714, 25.9527, 69.2323



32.7086, 25.9527, 11.4691



15.8365, 25.9527, 37.7710

Square

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



32.7086, 25.9527, 11.4691



17.7531, 25.9527, 12.0868



18.0654, 25.9527, 56.4739



33.1774, 25.9527, 54.7354

Rectangle

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



32.7086, 25.9527, 11.4691



23.4908, 25.9527, 7.5567



18.0654, 25.9527, 56.4739



25.8824, 25.9527, 70.4158

Sweetspot

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



32.7092, 25.9540, 11.4696



78.7815, 77.9094, 71.2723



35.4159, 21.9924, 41.2740



16.3690, 15.9965, 14.1424



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.



32.7092, 25.9540, 11.4696



49.5989, 36.0029, 10.8048



41.9428, 44.4211, 14.5474



11.4572, 11.7033, 11.7345



16.6200, 9.9729, 1.0490



0.9219, 0.6434, 0.0756

Inverse Universe

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



29.0284, 35.3226, 62.4145



42.8490, 52.6314, 102.5082



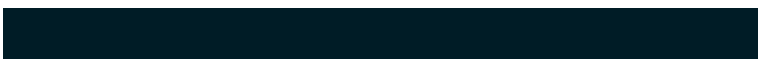
20.1765, 17.6188, 59.4639



11.2744, 12.1893, 14.3289



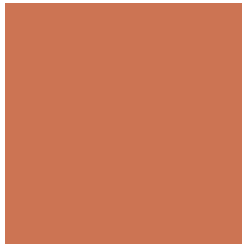
13.6414, 16.3069, 38.3848



0.7648, 0.9634, 2.0006

Previews

White Background



This preview shows how the XYZ color 32.7086, 25.9527, 11.4691 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 32.7086, 25.9527, 11.4691 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 32.7086, 25.9527, 11.4691

Background



This preview shows how black text looks on a background with the XYZ color 32.7086, 25.9527, 11.4691.



This preview shows how white text looks on a background with the XYZ color 32.7086, 25.9527,

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

32.7086, 25.9527, 11.4691

Protanopia

24.2587, 26.2043, 13.9046

Deuteranopia

26.3764, 25.8856, 11.0034



Tritanopia

34.4678, 25.8226, 20.6204

Trichromacy



Original Color

32.7086, 25.9527, 11.4691

Protanomaly

26.7141, 25.6118, 12.9868

Deuteranomaly

28.3287, 25.7030, 11.0575

Tritanomaly

33.6835, 25.8300, 16.8460

Monochromacy



Original Color

32.7086, 25.9527, 11.4691

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.5503, 25.3510, 20.9466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7086, 25.9527, 11.4691 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, 116, 83)` looks like.

```
.text, #text, p{  
    color:rgb(204, 116, 83)  
}
```

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, 116, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 116, 83) }
```

Border

The CSS property to change the border of an element to XYZ 32.7086, 25.9527, 11.4691 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, 116, 83) }
```


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

```
.border{ border-color:rgb(204, 116, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 116, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 116, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 116, 83);  
box-shadow:4px 4px 4px 4px rgb(204, 116,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7086, 25.9527, 11.4691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 116, 83) }
```

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

```
.background{ background-color: rgb(204,  
116, 83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor