

Converting Colors

XYZ(32.1135, 25.4135, 6.5809)

Have a look what the booklet for
XYZ(32.1135, 25.4135, 6.5809)
contains.

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Color

**XYZ(32.1135, 25.4135,
6.5809)**

Conversions

Conversions Part 1

Format	Color
Hex	CE7235
RGB	206, 114, 53
RGB Percent	81%, 45%, 21%
CMY	0.1922, 0.5529, 0.7921
CMYK	0.00, 0.45, 0.74, 0.19
HSL	24°, 61%, 51%
HSV	24°, 74%, 81%
XYZ	32.1135, 25.4135, 6.5809
YIQ	134.5540, 74.4130, 0.5330

Conversions

Conversions Part 2

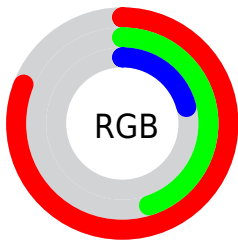
Format	Color
R _Y B	206, 154, 53
Decimal	13529653
CIE Lab	57.48, 31.54, 48.19
CIE LCh	57, 57.597, 56.799
Yxy	25.4135, 0.5009, 0.3964
Android (android.graphics.Color)	4291719733 (0xFFCE7235)
YUV	134.5540, -40.2061, 62.6581
Hunter-Lab	50.4118, 25.4880, 27.5484

Details

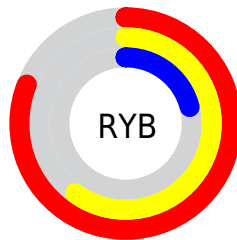
The XYZ color **32.1135, 25.4135, 6.5809** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **22.7334, 25.4623, 62.1086**, and the grayscale version is **22.9895, 24.1867, 26.3393**.

A 20% lighter version of the original color is **57.5069, 49.8767, 19.4282**, and **13.6875, 9.7778, 1.1659** is the 20% darker color. If you saturate the color by 10%, you get **30.4337, 22.6565, 4.1644**, and if you desaturate by 10%, it is **34.1872, 28.6331, 10.1333**.

Distribution



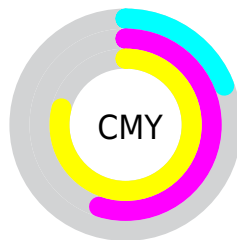
- Red (81%)
- Green (45%)
- Blue (21%)



- Red (81%)
- Yellow (60%)
- Blue (21%)



- Cyan (0%)
- Magenta (45%)
- Yellow (74%)
- Black (19%)





- Cyan (19%)
- Magenta (55%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1135, 25.4135, 6.5809 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 32.1135, 25.4135, 6.5809 by changing the saturation by 10% instead.


 32.1135, 25.4135,
6.5809


 32.1135, 25.4135,
6.5809


303.3721,
279.8910, 173.6310


 21.6042, 16.3854,
3.1270


 62.3530, 52.3272,
19.6233

 13.6813, 9.7973,
1.1598


 82.8138, 70.9817,
30.0488

 7.9796, 5.2648,
0.0000

 107.3226, 93.6137,
43.6353

 4.1336, 2.4034,
0.0000

 136.2446,
120.6076, 60.8013

 1.7780, 0.8277,
0.0000

 169.9452,
152.3480, 81.9654

 0.5043, 0.0000,
0.0000

 208.7897,

 0.0000, 0.0000,

189.2190, 107.5460

0.0000

253.1435,
231.6052, 137.9617

■ 32.1135, 25.4135,
6.5809

■ 32.1135, 25.4135,
6.5809

■ 30.4337, 22.6565,
4.1644

■ 34.1872, 28.6331,
10.1333

■ 29.1104, 20.3316,
2.7316

■ 36.6834, 32.3347,
14.9450

■ 28.4811, 19.1771,
2.2004

■ 39.6297, 36.5413,
21.1244

■ 43.0501, 41.2728,
28.7677

■ 46.9673, 46.5481,
37.9624

■ 51.4019, 52.3849,
48.7891

■ 56.3735, 58.8001,
61.3227

■ 61.9006, 65.8098,
75.6335

■ 68.0006, 73.4296,
91.7877

Harmonies

Analogous

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



37.9306, 25.4135, 13.9042



32.1135, 25.4135, 6.5809



24.8981, 25.4135, 4.5054

Triad

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



32.1135, 25.4135, 6.5809



13.2414, 25.4135, 25.6166



30.5970, 25.4135, 76.8804

Complementary

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



32.1135, 25.4135, 6.5809



22.7334, 25.4623, 62.1086

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.



23.4263, 25.4135, 85.0490



32.1135, 25.4135, 6.5809



14.1979, 25.4135, 48.4141

Square

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



32.1135, 25.4135, 6.5809



14.7205, 25.4135, 11.7224



17.6333, 25.4135, 72.7901



36.9451, 25.4135, 53.9100

Rectangle

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



32.1135, 25.4135, 6.5809



20.5427, 25.4135, 4.9841



17.6333, 25.4135, 72.7901



28.1673, 25.4135, 81.8106

Sweetspot

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



32.1141, 25.4148, 6.5814



77.4647, 77.2338, 64.7968



32.0206, 17.7857, 29.4934



16.1803, 15.9992, 12.9076



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.



32.1141, 25.4148, 6.5814



47.9926, 34.4289, 5.2177



44.1112, 49.4091, 10.5804



11.5733, 11.9355, 11.7732



17.6270, 11.9869, 1.3847



0.9830, 0.7656, 0.0960

Inverse Universe

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



22.7334, 25.4623, 62.1086



31.8969, 34.2008, 99.5280



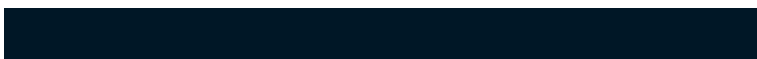
14.8526, 9.7008, 59.4816



11.1534, 11.9472, 14.2886



11.3847, 11.7934, 37.6326



0.6603, 0.7543, 1.9657

Previews

White Background



This preview shows how the XYZ color 32.1135, 25.4135, 6.5809 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 32.1135, 25.4135, 6.5809 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 32.1135, 25.4135, 6.5809

Background



This preview shows how black text looks on a background with the XYZ color 32.1135, 25.4135, 6.5809.



This preview shows how white text looks on a background with the XYZ color 32.1135, 25.4135,

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

32.1135, 25.4135, 6.5809

Protanopia

23.3747, 25.6615, 7.9962

Deuteranopia

26.0183, 25.6002, 6.3663



Tritanopia

34.6467, 25.3085, 19.2786

Trichromacy



Original Color

32.1135, 25.4135, 6.5809

Protanomaly

25.9547, 25.1449, 7.3564

Deuteranomaly

27.9169, 25.2118, 6.4126

Tritanomaly

33.5201, 25.3345, 13.2486

Monochromacy



Original Color

32.1135, 25.4135, 6.5809

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.8371, 23.7757, 16.6447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1135, 25.4135, 6.5809 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(206, 114, 53)` looks like.

```
.text, #text, p{  
    color:rgb(206, 114, 53)  
}
```

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(206, 114, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 114, 53) }
```

Border

The CSS property to change the border of an element to XYZ 32.1135, 25.4135, 6.5809 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(206, 114, 53) }
```


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

```
.border{ border-color:rgb(206, 114, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 114, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 114, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 114, 53);  
box-shadow:4px 4px 4px 4px rgb(206, 114,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1135, 25.4135, 6.5809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 114, 53) }
```

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

```
.background{ background-color: rgb(206,  
114, 53) }
```

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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