

Converting Colors

XYZ(33.7176, 25.4885, 5.4128)

Have a look what the booklet for
XYZ(33.7176, 25.4885, 5.4128)
contains.

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Color

**XYZ(33.6362, 25.4078,
5.4169)**

Conversions

Conversions Part 1

Format	Color
Hex	D66D2B
RGB	214, 109, 43
RGB Percent	84%, 43%, 17%
CMY	0.1608, 0.5725, 0.8314
CMYK	0.00, 0.49, 0.80, 0.16
HSL	23°, 68%, 50%
HSV	23°, 80%, 84%
XYZ	33.6362, 25.4078, 5.4169
YIQ	132.8710, 83.7660, 1.7340

Conversions

Conversions Part 2

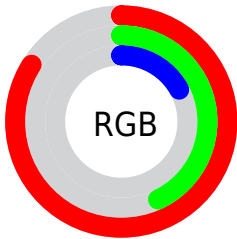
Format	Color
R_{YB}	214, 150, 43
Decimal	14052651
CIE Lab	57.47, 36.98, 53.12
CIE LCh	57, 64.722, 55.152
Yxy	25.4078, 0.5218, 0.3942
Android (android.graphics.Color)	4292242731 (0xFFD66D2B)
YUV	132.8710, -44.3064, 71.1501
Hunter-Lab	50.4062, 30.9029, 28.9127

Details

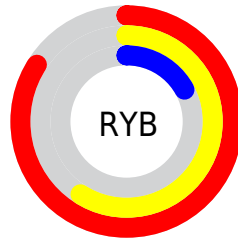
The XYZ color **33.6362, 25.4078, 5.4169** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **23.7229, 26.5468, 67.4915**, and the grayscale version is **22.3829, 23.5486, 25.6444**.

A 20% lighter version of the original color is **56.1807, 47.9088, 16.8760**, and **14.7008, 9.9002, 1.1361** is the 20% darker color. If you saturate the color by 10%, you get **32.0431, 22.6939, 3.4306**, and if you desaturate by 10%, it is **35.6457, 28.6258, 8.5573**.

Distribution



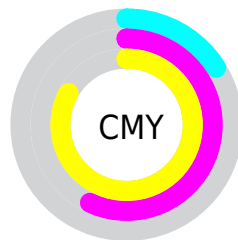
- Red (84%)
- Green (43%)
- Blue (17%)



- Red (84%)
- Yellow (59%)
- Blue (17%)



- Cyan (0%)
- Magenta (49%)
- Yellow (80%)
- Black (16%)





- Cyan (16%)
- Magenta (57%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6362, 25.4078, 5.4169 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 33.6362, 25.4078, 5.4169 by changing the saturation by 10% instead.

 33.6362, 25.4078,
5.4169


 33.6362, 25.4078,
5.4169


310.1214,
279.8628, 162.8692


 22.7758, 16.3811,
2.4309

 64.7156, 52.3180,
17.1643


 14.5478, 9.7943,
0.8032


 85.6653, 70.9704,
26.7628

 8.5869, 5.2628,
0.0000


 110.7088, 93.6001,
39.4026

 4.5277, 2.4022,
0.0000

 140.2116,
120.5915, 55.5022

 2.0048, 0.8270,
0.0000

 174.5388,
152.3292, 75.4801

 0.6366, 0.0000,
0.0000

 214.0560,

 0.0000, 0.0000,

189.1973, 99.7549

0.0000

259.1284,
231.5804, 128.7450

■ 33.6362, 25.4078,
5.4169

■ 33.6362, 25.4078,
5.4169

■ 32.0431, 22.6939,
3.4306

■ 35.6457, 28.6258,
8.5573

■ 30.8049, 20.4414,
2.3278


■ 38.1070, 32.3726,
13.0025


■ 30.7943, 20.4220,
2.3188


■ 41.0526, 36.6754,
18.8811


■ 44.5112, 41.5582,
26.3060

■ 48.5091, 47.0432,
35.3786

 53.0704, 53.1516,
46.1914

 58.2178, 59.9032,
58.8303

 63.9726, 67.3171,
73.3753

 70.3549, 75.4113,
89.9015

Harmonies

Analogous

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



40.1843, 25.4078, 13.2721



33.6362, 25.4078, 5.4169



25.4223, 25.4078, 3.2725

Triad

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



33.6362, 25.4078, 5.4169



12.1963, 25.4078, 24.2339



31.0051, 25.4078, 86.5379

Complementary

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



33.6362, 25.4078, 5.4169



23.7229, 26.5468, 67.4915

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.



22.9196, 25.4078, 95.0802



33.6362, 25.4078, 5.4169



13.0733, 25.4078, 49.8854

Square

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



33.6362, 25.4078, 5.4169



13.9221, 25.4078, 9.8203



16.6385, 25.4078, 79.0975



38.4528, 25.4078, 59.6570

Rectangle

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



33.6362, 25.4078, 5.4169



20.4822, 25.4078, 3.6017



16.6385, 25.4078, 79.0975



28.2301, 25.4078, 92.0998

Sweetspot

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



33.6368, 25.4092, 5.4173



75.8772, 74.9902, 61.3966



33.9763, 18.1764, 29.9219



15.7259, 15.3596, 11.9263



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.



33.6368, 25.4092, 5.4173



46.3162, 31.3229, 3.8977



47.4702, 53.0761, 10.0285



12.8124, 13.1989, 13.0331



18.7071, 12.5314, 1.4328



1.2073, 0.9139, 0.1128

Inverse Universe

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



23.7229, 26.5468, 67.4915



30.8367, 32.6038, 99.2756



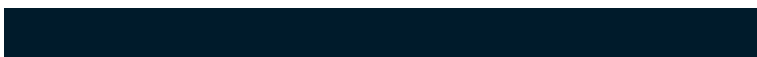
14.9087, 8.9183, 64.5534



12.3710, 13.2654, 15.8460



12.3780, 13.0178, 40.3135



0.8257, 0.9434, 2.4579

Previews

White Background



This preview shows how the XYZ color 33.6362, 25.4078, 5.4169 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 33.6362, 25.4078, 5.4169 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 33.6362, 25.4078, 5.4169

Background



This preview shows how black text looks on a background with the XYZ color 33.6362, 25.4078, 5.4169.



This preview shows how white text looks on a background with the XYZ color 33.6362, 25.4078,

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

33.6362, 25.4078, 5.4169

Protanopia

23.3477, 25.6728, 6.8568

Deuteranopia

25.8752, 25.3526, 5.1199



Tritanopia

36.1270, 25.3586, 17.4586

Trichromacy



Original Color

33.6362, 25.4078, 5.4169

Protanomaly

26.1572, 24.8818, 6.2204

Deuteranomaly

28.4191, 25.1247, 5.1854

Tritanomaly

35.0102, 25.3580, 11.6437

Monochromacy



Original Color

33.6362, 25.4078, 5.4169

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.4082, 23.0168, 15.2128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6362, 25.4078, 5.4169 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(214, 109, 43)` looks like.

```
.text, #text, p{  
    color:rgb(214, 109, 43)  
}
```

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(214, 109, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 109, 43) }
```

Border

The CSS property to change the border of an element to XYZ 33.6362, 25.4078, 5.4169 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(214, 109, 43) }
```


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

```
.border{ border-color:rgb(214, 109, 43) }
```

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

Here you see how a box with a 4 pixel rgb(214, 109, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 109, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 109, 43);  
box-shadow:4px 4px 4px 4px rgb(214, 109,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6362, 25.4078, 5.4169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 109, 43) }
```

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

```
.background{ background-color: rgb(214,  
109, 43) }
```

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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