

Converting Colors

XYZ(36.8333, 25.6843, 6.1482)

Have a look what the booklet for
XYZ(36.8333, 25.6843, 6.1482)
contains.

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Color

**XYZ(36.8333, 25.6843,
6.1482)**

Conversions

Conversions Part 1

Format	Color
Hex	E36433
RGB	227, 100, 51
RGB Percent	89%, 39%, 20%
CMY	0.1098, 0.6078, 0.8000
CMYK	0.00, 0.56, 0.78, 0.11
HSL	17°, 76%, 55%
HSV	17°, 78%, 89%
XYZ	36.8333, 25.6843, 6.1482
YIQ	132.3870, 91.4210, 11.6850

Conversions

Conversions Part 2

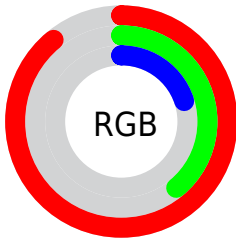
Format	Color
R_{YB}	227, 119, 51
Decimal	14902323
CIE _{Lab}	57.74, 46.71, 50.40
CIE _{LCh}	58, 68.715, 47.180
Yxy	25.6843, 0.5364, 0.3740
Android (android.graphics.Color)	4293092403 (0xFFE36433)
YUV	132.3870, -40.1238, 82.9756
Hunter-Lab	50.6797, 41.0419, 28.2830

Details

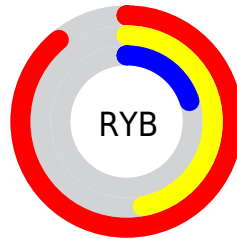
The XYZ color **36.8333, 25.6843, 6.1482** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **31.1493, 38.0877, 78.3825**, and the grayscale version is **22.1904, 23.3460, 25.4238**.

A 20% lighter version of the original color is **55.1446, 45.3108, 18.1513**, and **16.3264, 9.9255, 1.0553** is the 20% darker color. If you saturate the color by 10%, you get **35.0332, 22.6993, 3.6526**, and if you desaturate by 10%, it is **39.1945, 29.4015, 10.0352**.

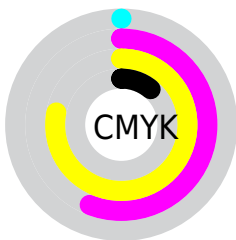
Distribution



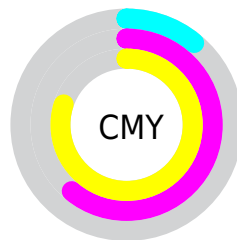
- Red (89%)
- Green (39%)
- Blue (20%)



- Red (89%)
- Yellow (47%)
- Blue (20%)



- Cyan (0%)
- Magenta (56%)
- Yellow (78%)
- Black (11%)





- Cyan (11%)
- Magenta (61%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8333, 25.6843, 6.1482 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 36.8333, 25.6843, 6.1482 by changing the saturation by 10% instead.

 36.8333, 25.6843,
6.1482

 36.8333, 25.6843,
6.1482


323.9563,
281.2289, 169.7384


 25.2515, 16.5876,
2.8652


 69.6318, 52.7652,
18.7207

 16.3943, 9.9409,
1.0262


 91.5793, 71.5182,
28.8472

 9.8962, 5.3598,
0.0000


 117.7127, 94.2588,
42.0920

 5.3919, 2.4599,
0.0000

 148.3974,
121.3713, 58.8735

 2.5161, 0.8564,
0.0000

 183.9988,
153.2402, 79.6104

 0.9034, 0.0000,
0.0000

 224.8821,

 0.0000, 0.0000,

190.2498, 104.7211

0.0000

271.4129,
232.7846, 134.6243

■ 36.8333, 25.6843,
6.1482

■ 36.8333, 25.6843,
6.1482

■ 35.0332, 22.6993,
3.6526

■ 39.1945, 29.4015,
10.0352

■ 33.7311, 20.3872,
2.3181


■ 42.1638, 33.8939,
15.4834


■ 33.4674, 19.9089,
2.0789


■ 45.7847, 39.2061,
22.6391


■ 50.0959, 45.3778,
31.6315

■ 55.1328, 52.4458,
42.5770

 60.9284, 60.4449,
55.5824

 67.5133, 69.4080,
70.7469

 74.9168, 79.3661,
88.1629

 83.1178, 90.3297,
107.6623

Harmonies

Analogous

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



42.8793, 25.6843, 16.5959



36.8333, 25.6843, 6.1482



28.0966, 25.6843, 2.9588

Triad

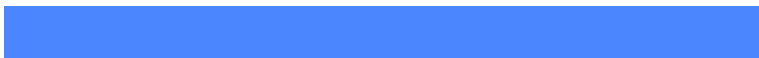
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.8333, 25.6843, 6.1482



11.9990, 25.6843, 19.0626



29.3942, 25.6843, 97.5121

Complementary

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



36.8333, 25.6843, 6.1482



31.1493, 38.0877, 78.3825

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.



21.0647, 25.6843, 99.5801



36.8333, 25.6843, 6.1482



12.1943, 25.6843, 43.6128

Square

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



36.8333, 25.6843, 6.1482



14.5425, 25.6843, 7.0805



15.1540, 25.6843, 76.1575



37.9654, 25.6843, 71.4978

Rectangle

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



36.8333, 25.6843, 6.1482



22.4860, 25.6843, 2.7889



15.1540, 25.6843, 76.1575



26.4453, 25.6843, 101.3975

Sweetspot

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



36.8339, 25.6857, 6.1486



74.9578, 72.6897, 62.5135



41.1072, 21.9966, 45.2948



15.4760, 14.7716, 12.1150



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.



36.8339, 25.6857, 6.1486



44.5093, 27.6259, 3.5523



49.8207, 51.6595, 10.4776



14.7020, 15.0180, 15.0283



19.6030, 11.7802, 1.2406



1.5250, 1.0233, 0.1171

Inverse Universe

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



31.1493, 38.0877, 78.3825



36.4868, 43.7275, 101.1249



19.0634, 13.9159, 74.3538



14.4504, 15.6222, 18.3981



15.9097, 18.8814, 45.1891



1.2529, 1.5497, 3.3651

Previews

White Background



This preview shows how the XYZ color 36.8333, 25.6843, 6.1482 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 36.8333, 25.6843, 6.1482 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 36.8333, 25.6843, 6.1482

Background



This preview shows how black text looks on a background with the XYZ color 36.8333, 25.6843, 6.1482.



This preview shows how white text looks on a background with the XYZ color 36.8333, 25.6843,

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

36.8333, 25.6843, 6.1482

Protanopia

23.6197, 25.7816, 8.2889

Deuteranopia

26.3484, 25.7837, 5.7785



Tritanopia

38.6648, 25.6030, 15.2159

Trichromacy



Original Color

36.8333, 25.6843, 6.1482

Protanomaly

27.1534, 24.7965, 7.3580

Deuteranomaly

29.4383, 25.0917, 5.7742

Tritanomaly

37.7391, 25.4843, 11.1135

Monochromacy



Original Color

36.8333, 25.6843, 6.1482

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.1010, 22.6277, 15.8766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8333, 25.6843, 6.1482 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(227, 100, 51)` looks like.

```
.text, #text, p{  
    color:rgb(227, 100, 51)  
}
```

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(227, 100, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 100, 51) }
```

Border

The CSS property to change the border of an element to XYZ 36.8333, 25.6843, 6.1482 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(227, 100, 51) }
```


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

```
.border{ border-color:rgb(227, 100, 51) }
```

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

Here you see how a box with a 4 pixel rgb(227, 100, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 100, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 100, 51);  
box-shadow:4px 4px 4px 4px rgb(227, 100,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8333, 25.6843, 6.1482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 100, 51) }
```

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

```
.background{ background-color: rgb(227,  
100, 51) }
```

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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