

Converting Colors

XYZ(33.1615, 25.2681, 15.1860)

Have a look what the booklet for
XYZ(33.1615, 25.2681, 15.1860)
contains.

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Color

**XYZ(33.1615, 25.2681,
15.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	CD6F64
RGB	205, 111, 100
RGB Percent	80%, 44%, 39%
CMY	0.1961, 0.5647, 0.6078
CMYK	0.00, 0.46, 0.51, 0.20
HSL	6°, 51%, 60%
HSV	6°, 51%, 80%
XYZ	33.1615, 25.2681, 15.1860
YIQ	137.8520, 59.5550, 16.5070

Conversions

Conversions Part 2

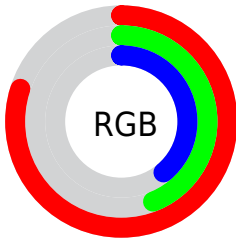
Format	Color
R_{YB}	205, 112, 100
Decimal	13463396
CIE Lab	57.34, 35.89, 22.72
CIE LCh	57, 42.480, 32.337
Yxy	25.2681, 0.4505, 0.3432
Android (android.graphics.Color)	4291653476 (0xFFCD6F64)
YUV	137.8520, -18.6610, 58.8888
Hunter-Lab	50.2674, 29.7889, 17.2754

Details

The XYZ color **33.1615, 25.2681, 15.1860** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.5656, 45.6982, 64.7035**, and the grayscale version is **24.1547, 25.4126, 27.6744**.

A 20% lighter version of the original color is **60.1014, 50.0453, 35.7702**, and **14.2911, 9.6918, 4.4856** is the 20% darker color. If you saturate the color by 10%, you get **30.4904, 21.3192, 10.0011**, and if you desaturate by 10%, it is **36.4948, 30.1422, 21.8236**.

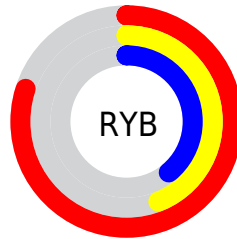
Distribution



Red (80%)

Green (44%)

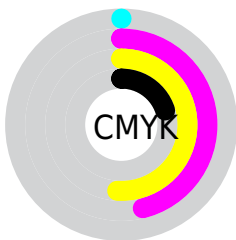
Blue (39%)



Red (80%)

Yellow (44%)

Blue (39%)

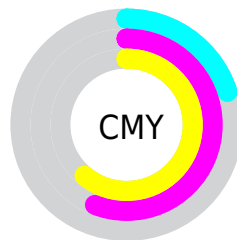


Cyan (0%)

Magenta (46%)

Yellow (51%)

Black (20%)



Cyan (20%)


Magenta (56%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1615, 25.2681, 15.1860 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 33.1615, 25.2681, 15.1860 by changing the saturation by 10% instead.


 33.1615, 25.2681,
15.1860


 33.1615, 25.2681,
15.1860


308.0290,
279.1705, 236.1687


 22.4100, 16.2769,
8.8020


 63.9806, 52.0918,
35.9261

 14.2768, 9.7203,
4.5172


 84.7789, 70.6932,
51.1192

 8.3964, 5.2139,
1.9131


 109.6569, 93.2666,
70.0857

 4.4036, 2.3733,
0.5011

 138.9798,
120.1967, 93.2442

 1.9329, 0.8121,
0.0000

173.1132,
151.8677, 121.0132

 0.5958, 0.0000,
0.0000

212.4222,

 0.0000, 0.0000,

188.6641, 153.8113

0.0000

257.2724,
230.9702, 192.0569

■ 33.1615, 25.2681,
15.1860

■ 33.1615, 25.2681,
15.1860

■ 30.4904, 21.3192,
10.0011

■ 36.4948, 30.1422,
21.8236

■ 28.4353, 18.2330,
6.1584

■ 40.5288, 35.9907,
30.0104

■ 26.9466, 15.9460,
3.5340

■ 45.3011, 42.8643,
39.8362

■ 25.9663, 14.3836,
1.9800

■ 50.8464, 50.8086,
51.3835

■ 25.4539, 13.5335,
1.2706

■ 57.1967, 59.8669,
64.7293

■ 64.3826, 70.0799,
79.9459

■ 72.4330, 81.4862,
97.1017

■ 78.9867, 91.7191,
108.1483

Harmonies

Analogous

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



35.0481, 25.2681, 26.3975



33.1615, 25.2681, 15.1860



28.7982, 25.2681, 9.5359

Triad

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



33.1615, 25.2681, 15.1860



16.4211, 25.2681, 16.5421



24.4135, 25.2681, 65.5608

Complementary

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



33.1615, 25.2681, 15.1860



35.5656, 45.6982, 64.7035

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.



19.7959, 25.2681, 60.1056



33.1615, 25.2681, 15.1860



15.5831, 25.2681, 28.6588

Square

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



33.1615, 25.2681, 15.1860



19.2009, 25.2681, 10.1047



16.7294, 25.2681, 45.1703



29.5768, 25.2681, 58.2221

Rectangle

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



33.1615, 25.2681, 15.1860



25.3310, 25.2681, 8.1655



16.7294, 25.2681, 45.1703



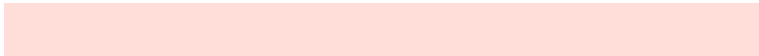
22.7484, 25.2681, 65.1609

Sweetspot

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



33.1621, 25.2694, 15.1865



79.5248, 77.8425, 76.3090



39.5278, 26.0111, 54.2710



16.6068, 16.0673, 15.4697



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.



33.1621, 25.2694, 15.1865



49.7307, 34.6035, 15.9755



40.5742, 40.0936, 17.6572



11.3054, 11.3997, 11.6839



15.8798, 8.4926, 0.8023



0.8521, 0.5039, 0.0523

Inverse Universe

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



35.5656, 45.6982, 64.7035



54.0226, 71.4534, 105.5523



25.9481, 26.4632, 61.4977



11.4389, 12.5183, 14.3837



17.5092, 24.0424, 39.6741



0.9328, 1.2994, 2.0566

Previews

White Background



This preview shows how the XYZ color 33.1615, 25.2681, 15.1860 looks on a white background.

Color Contrast Check

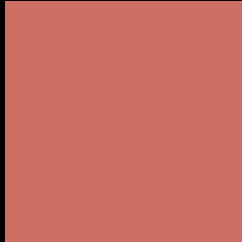
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1615, 25.2681, 15.1860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

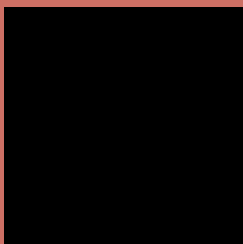
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1615, 25.2681, 15.1860

Background



This preview shows how black text looks on a background with the XYZ color 33.1615, 25.2681, 15.1860.



This preview shows how white text looks on a background with the XYZ color 33.1615, 25.2681,

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

33.1615, 25.2681, 15.1860

Protanopia

23.8672, 25.4578, 18.9851

Deuteranopia

25.8796, 25.3464, 14.5947



Tritanopia

34.0746, 25.3200, 19.6143

Trichromacy



Original Color

33.1615, 25.2681, 15.1860

Protanomaly

26.3623, 24.7365, 17.5725

Deuteranomaly

28.1877, 24.9817, 14.6456

Tritanomaly

33.8440, 25.3995, 17.8707

Monochromacy



Original Color

33.1615, 25.2681, 15.1860

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.2576, 24.5750, 22.4283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1615, 25.2681, 15.1860 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(205, 111, 100)` looks like.

```
.text, #text, p{  
    color:rgb(205, 111, 100)  
}
```

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(205, 111, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 111, 100) }
```

Border

The CSS property to change the border of an element to XYZ 33.1615, 25.2681, 15.1860 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(205, 111, 100) }
```


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

```
.border{ border-color:rgb(205, 111, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 111, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 111, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 111, 100);  
box-shadow:4px 4px 4px 4px rgb(205, 111,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1615, 25.2681, 15.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 111, 100) }
```

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

```
.background{ background-color: rgb(205,  
111, 100) }
```

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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