

Converting Colors

XYZ(30.6038, 25.3743, 13.7470)

Have a look what the booklet for
XYZ(30.6038, 25.3743, 13.7470)
contains.

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Color

**XYZ(30.5649, 25.3214,
13.6325)**

Conversions

Conversions Part 1

Format	Color
Hex	C1775D
RGB	193, 119, 93
RGB Percent	76%, 47%, 36%
CMY	0.2431, 0.5333, 0.6353
CMYK	0.00, 0.38, 0.52, 0.24
HSL	16°, 45%, 56%
HSV	16°, 52%, 76%
XYZ	30.5649, 25.3214, 13.6325
YIQ	138.1620, 52.4500, 7.6020

Conversions

Conversions Part 2

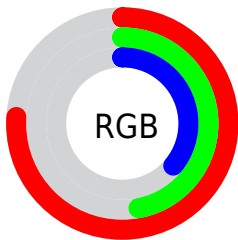
Format	Color
RYB	193, 128, 93
Decimal	12679005
CIELab	57.39, 26.23, 26.48
CIELCh	57, 37.270, 45.265
Yxy	25.3214, 0.4397, 0.3642
Android (android.graphics.Color)	4290869085 (0xFFC1775D)
YUV	138.1620, -22.2649, 48.0929
Hunter-Lab	50.3204, 20.3613, 19.1618

Details

The XYZ color **30.5649, 25.3214, 13.6325** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **27.9578, 33.8132, 55.5049**, and the grayscale version is **24.2882, 25.5531, 27.8274**.

A 20% lighter version of the original color is **59.9314, 52.2141, 33.3052**, and **12.7746, 9.6877, 3.7814** is the 20% darker color. If you saturate the color by 10%, you get **28.2417, 21.8749, 9.1597**, and if you desaturate by 10%, it is **33.3605, 29.3676, 19.3275**.

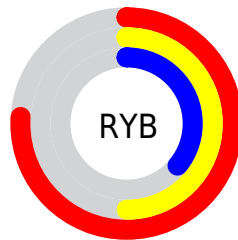
Distribution



Red (76%)

Green (47%)

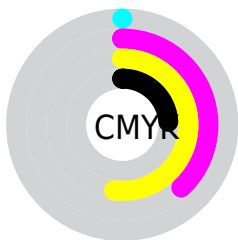
Blue (36%)



Red (76%)

Yellow (50%)

Blue (36%)

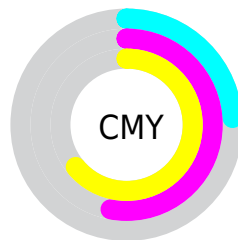


Cyan (0%)

Magenta (38%)

Yellow (52%)

Black (24%)



Cyan (24%)


Magenta (53%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5649, 25.3214, 13.6325 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 30.5649, 25.3214, 13.6325 by changing the saturation by 10% instead.

 30.5649, 25.3214,
13.6325


 30.5649, 25.3214,
13.6325


296.3916,
279.4348, 226.2808

 20.4180, 16.3167,
7.7297


 59.9349, 52.1781,
33.1432


 12.8092, 9.7485,
3.8372


 79.8887, 70.7990,
47.5882

 7.3734, 5.2325,
1.5365


 103.8421, 93.3939,
65.7176

 3.7451, 2.3843,
0.2449

 132.1606,
120.3474, 87.9501

 1.5590, 0.8178,
0.0000

165.2094,
152.0439, 114.7041

 0.3654, 0.0000,
0.0000

203.3539,

 0.0000, 0.0000,

188.8676, 146.3982

0.0000

246.9595,
231.2031, 183.4509

■ 30.5649, 25.3214,
13.6325

■ 30.5649, 25.3214,
13.6325

■ 28.2417, 21.8749,
9.1597

■ 33.3605, 29.3676,
19.3275

■ 26.3612, 18.9949,
5.8166

■ 36.6520, 34.0368,
26.3249

■ 24.8927, 16.6506,
3.4999

■ 40.4638, 39.3559,
34.6998

■ 23.8004, 14.8066,
2.0860

■ 44.8177, 45.3488,
44.5210

■ 23.1409, 13.6348,
1.4121

■ 49.7346, 52.0384,
55.8528

■ 55.2339, 59.4463,
68.7556

■ 61.3343, 67.5933,
83.2864

■ 68.0535, 76.4993,
99.4994

■ 73.4668, 85.4067,
107.2208

Harmonies

Analogous

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



33.2422, 25.3214, 21.6408



30.5649, 25.3214, 13.6325



26.2964, 25.3214, 10.0834

Triad

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



30.5649, 25.3214, 13.6325



16.7419, 25.3214, 21.8266



26.3772, 25.3214, 58.3859

Complementary

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



30.5649, 25.3214, 13.6325



27.9578, 33.8132, 55.5049

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.



21.9677, 25.3214, 58.4822



30.5649, 25.3214, 13.6325



16.7579, 25.3214, 34.4956

Square

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



30.5649, 25.3214, 13.6325



18.5158, 25.3214, 13.7324



18.5626, 25.3214, 48.7517



30.6302, 25.3214, 48.5189

Rectangle

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



30.5649, 25.3214, 13.6325



23.2950, 25.3214, 9.7304



18.5626, 25.3214, 48.7517



24.8563, 25.3214, 59.6429

Sweetspot

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



30.5655, 25.3227, 13.6330



76.6865, 76.3057, 71.6046



32.9746, 21.9935, 39.5530



16.1071, 15.8954, 14.5850



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.5655, 25.3227, 13.6330



50.1517, 38.5297, 15.6111



37.9707, 40.1330, 16.1014



10.2814, 10.4943, 10.5456



15.4476, 9.1809, 0.9579



0.7256, 0.5130, 0.0608

Inverse Universe

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



27.9578, 33.8132, 55.5049



44.9052, 55.2270, 98.6534



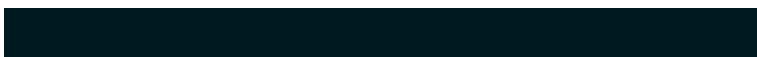
20.6184, 19.1345, 53.0585



10.1397, 10.9707, 12.8680



12.9840, 15.7244, 35.9074



0.6143, 0.7860, 1.5692

Previews

White Background



This preview shows how the XYZ color 30.5649, 25.3214, 13.6325 looks on a white background.

Color Contrast Check

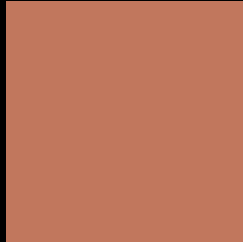
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5649, 25.3214, 13.6325 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 30.5649, 25.3214, 13.6325

Background



This preview shows how black text looks on a background with the XYZ color 30.5649, 25.3214, 13.6325.



This preview shows how white text looks on a background with the XYZ color 30.5649, 25.3214,

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

30.5649, 25.3214, 13.6325

Protanopia

23.8319, 25.5061, 15.9790

Deuteranopia

25.8226, 25.3477, 13.2045



Tritanopia

32.2116, 25.2936, 21.9233

Trichromacy



Original Color

30.5649, 25.3214, 13.6325

Protanomaly

25.8380, 25.1138, 15.0409

Deuteranomaly

27.3822, 25.1642, 13.3115

Tritanomaly

31.4182, 25.1300, 18.5239

Monochromacy



Original Color

30.5649, 25.3214, 13.6325

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.7297, 24.9068, 21.8638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5649, 25.3214, 13.6325 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(193, 119, 93)` looks like.

```
.text, #text, p{  
    color:rgb(193, 119, 93)  
}
```

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(193, 119, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 119, 93) }
```

Border

The CSS property to change the border of an element to XYZ 30.5649, 25.3214, 13.6325 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(193, 119, 93) }
```


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

```
.border{ border-color:rgb(193, 119, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 119, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 119, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 119, 93);  
box-shadow:4px 4px 4px 4px rgb(193, 119,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5649, 25.3214, 13.6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 119, 93) }
```

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

```
.background{ background-color: rgb(193,  
119, 93) }
```

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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