

Converting Colors

XYZ(25.5662, 20.2245, 13.0695)

Have a look what the booklet for
XYZ(25.5662, 20.2245, 13.0695)
contains.

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Color

**XYZ(25.5611, 20.2925,
13.1593)**

Conversions

Conversions Part 1

Format	Color
Hex	B3685E
RGB	179, 104, 94
RGB Percent	70%, 41%, 37%
CMY	0.2980, 0.5921, 0.6314
CMYK	0.00, 0.42, 0.47, 0.30
HSL	7°, 36%, 54%
HSV	7°, 47%, 70%
XYZ	25.5611, 20.2925, 13.1593
YIQ	125.2850, 47.9100, 12.7900

Conversions

Conversions Part 2

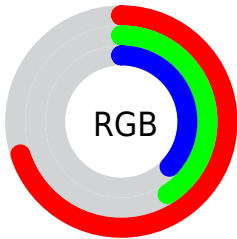
Format	Color
RYB	179, 105, 94
Decimal	11757662
CIELab	52.17, 28.92, 18.65
CIELCh	52, 34.408, 32.813
Yxy	20.2925, 0.4331, 0.3439
Android (android.graphics.Color)	4289947742 (0xFFB3685E)
YUV	125.2850, -15.4235, 47.1081
Hunter-Lab	45.0472, 22.4535, 14.2131

Details

The XYZ color **25.5611, 20.2925, 13.1593** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.9400, 34.0086, 47.7921**, and the grayscale version is **19.6287, 20.6509, 22.4888**.

A 20% lighter version of the original color is **51.8476, 43.7951, 32.1062**, and **10.0681, 7.1567, 3.6470** is the 20% darker color. If you saturate the color by 10%, you get **23.4055, 17.1212, 8.9270**, and if you desaturate by 10%, it is **28.2017, 24.1358, 18.4726**.

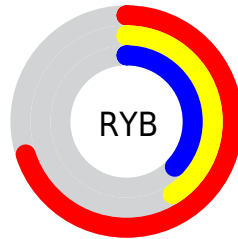
Distribution



Red (70%)

Green (41%)

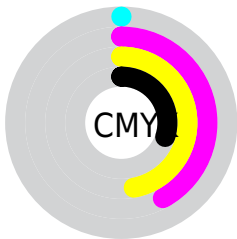
Blue (37%)



Red (70%)

Yellow (41%)

Blue (37%)

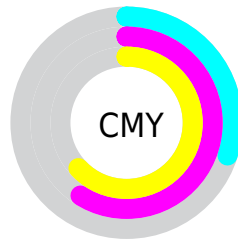


Cyan (0%)

Magenta (42%)

Yellow (47%)

Black (30%)



Cyan (30%)

Magenta (59%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5611, 20.2925, 13.1593 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 25.5611, 20.2925, 13.1593 by changing the saturation by 10% instead.

■ 25.5611, 20.2925,
13.1593

■ 25.5611, 20.2925,
13.1593

272.9172,
253.4942, 223.1797

■ 16.6265, 12.6078,
7.4063

■ 52.0024, 43.9070,
32.2851

■ 10.0622, 7.1591,
3.6352

■ 70.2399, 60.6057,
46.4949

■ 5.5028, 3.5618,
1.4274

■ 92.3090, 81.0778,
64.3608

■ 2.5830, 1.4316,
0.1630

■ 118.5752,
105.7078, 86.3012

■ 0.9373, 0.2398,
0.0000

149.4037,
134.8801, 112.7348

■ 0.0000, 0.0000,
0.0000

185.1600,

168.9789, 144.0801

226.2094,
208.3889, 180.7555

■ 25.5611, 20.2925,
13.1593

■ 25.5611, 20.2925,
13.1593

■ 23.4055, 17.1212,
8.9270

■ 28.2017, 24.1358,
18.4726

■ 21.7037, 14.5803,
5.7002

■ 31.3530, 28.6835,
24.9331

■ 20.4232, 12.6283,
3.3955


■ 35.0406, 33.9696,
32.6029


■ 19.5262, 11.2175,
1.9155


■ 39.2880, 40.0249,
41.5396


■ 18.9635, 10.2905,
1.1160


■ 44.1173, 46.8785,
51.7967

 18.8598, 10.1225,
0.9598

 49.5494, 54.5580,
63.4250

 55.6040, 63.0897,
76.4725

 62.3002, 72.4987,
90.9847

 69.6398, 82.8026,
106.9198

Harmonies

Analogous

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



26.8776, 20.2925, 21.1565



25.5611, 20.2925, 13.1593



22.5520, 20.2925, 8.9384

Triad

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



25.5611, 20.2925, 13.1593



13.8661, 20.2925, 14.3617



19.6218, 20.2925, 47.6975

Complementary

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



25.5611, 20.2925, 13.1593



26.9400, 34.0086, 47.7921

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.



16.3542, 20.2925, 44.2423



25.5611, 20.2925, 13.1593



13.2804, 20.2925, 23.0611

Square

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



25.5611, 20.2925, 13.1593



15.8437, 20.2925, 9.4694



14.1347, 20.2925, 34.3674



23.1972, 20.2925, 42.7467

Rectangle

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



25.5611, 20.2925, 13.1593



20.1477, 20.2925, 7.8927



14.1347, 20.2925, 34.3674



18.4520, 20.2925, 47.4821

Sweetspot

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



25.5616, 20.2935, 13.1597



65.1166, 64.2087, 63.3377



29.7624, 20.4569, 39.9570



14.0800, 13.7306, 13.3054



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.5616, 20.2935, 13.1597



41.7553, 30.4214, 15.6724



30.9540, 31.0784, 14.9572



8.5743, 8.6611, 8.8724



13.3533, 7.2052, 0.6869



0.4459, 0.2782, 0.0302

Inverse Universe

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



26.9400, 34.0086, 47.7921



44.4835, 57.8850, 85.2096



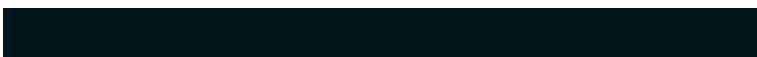
20.2886, 20.7058, 45.5750



8.6556, 9.4574, 10.8756



14.4126, 19.6256, 33.1655



0.4774, 0.6654, 1.0515

Previews

White Background



This preview shows how the XYZ color 25.5611, 20.2925, 13.1593 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 25.5611, 20.2925, 13.1593 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 25.5611, 20.2925, 13.1593

Background



This preview shows how black text looks on a background with the XYZ color 25.5611, 20.2925, 13.1593.



This preview shows how white text looks on a background with the XYZ color 25.5611, 20.2925,

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

25.5611, 20.2925, 13.1593

Protanopia

19.3480, 20.5722, 16.0478

Deuteranopia

20.8175, 20.4842, 12.7542



Tritanopia

26.3341, 20.3102, 17.0003

Trichromacy



Original Color

25.5611, 20.2925, 13.1593

Protanomaly

21.0560, 20.0322, 14.8134

Deuteranomaly

22.2472, 20.1783, 12.8475

Tritanomaly

26.1713, 20.4033, 15.6555

Monochromacy



Original Color

25.5611, 20.2925, 13.1593

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.0756, 19.9572, 18.6609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5611, 20.2925, 13.1593 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(179, 104, 94)` looks like.

```
.text, #text, p{  
    color:rgb(179, 104, 94)  
}
```

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(179, 104, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 104, 94) }
```

Border

The CSS property to change the border of an element to XYZ 25.5611, 20.2925, 13.1593 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(179, 104, 94) }
```


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

```
.border{ border-color:rgb(179, 104, 94) }
```

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

Here you see how a box with a 4 pixel rgb(179, 104, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 104, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 104, 94);  
box-shadow:4px 4px 4px 4px rgb(179, 104,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5611, 20.2925, 13.1593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 104, 94) }
```

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

```
.background{ background-color: rgb(179,  
104, 94) }
```

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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