

Converting Colors

XYZ(23.2910, 13.9554, 5.0805)

Have a look what the booklet for
XYZ(23.2910, 13.9554, 5.0805)
contains.

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Color

**XYZ(23.2910, 13.9554,
5.0805)**

Conversions

Conversions Part 1

Format	Color
Hex	BE3737
RGB	190, 55, 55
RGB Percent	75%, 22%, 22%
CMY	0.2549, 0.7843, 0.7843
CMYK	0.00, 0.71, 0.71, 0.25
HSL	0°, 55%, 48%
HSV	0°, 71%, 75%
XYZ	23.2910, 13.9554, 5.0805
YIQ	95.3650, 80.4600, 28.6200

Conversions

Conversions Part 2

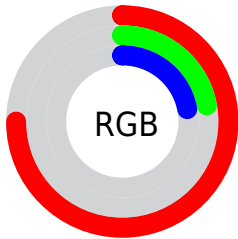
Format	Color
R _Y B	190, 55, 55
Decimal	12465975
CIE Lab	44.17, 53.54, 31.74
CIE LCh	44, 62.238, 30.660
Yxy	13.9554, 0.5503, 0.3297
Android (android.graphics.Color)	4290656055 (0xFFBE3737)
YUV	95.3650, -19.8999, 82.9949
Hunter-Lab	37.3569, 45.9151, 18.0865

Details

The XYZ color **23.2910, 13.9554, 5.0805** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **29.2811, 41.3526, 55.1535**, and the grayscale version is **10.9985, 11.5713, 12.6012**.

A 20% lighter version of the original color is **48.2276, 33.0236, 16.4027**, and **9.1196, 4.6937, 0.7731** is the 20% darker color. If you saturate the color by 10%, you get **22.1847, 12.3369, 2.8811**, and if you desaturate by 10%, it is **24.9205, 16.3402, 8.3191**.

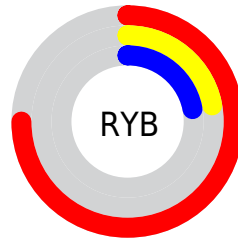
Distribution



Red (75%)

Green (22%)

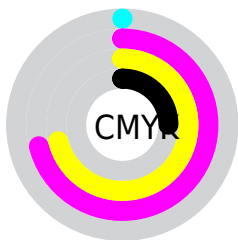
Blue (22%)



Red (75%)

Yellow (22%)

Blue (22%)

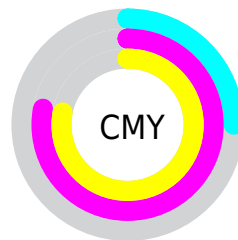


Cyan (0%)

Magenta (71%)

Yellow (71%)

Black (25%)



Cyan (25%)


Magenta (78%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.2910, 13.9554, 5.0805 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 23.2910, 13.9554, 5.0805 by changing the saturation by 10% instead.


 23.2910, 13.9554,
5.0805


 23.2910, 13.9554,
5.0805


261.7236,
216.9532, 159.5692


 14.9304, 8.0897,
2.2350


 48.3339, 33.0099,
16.4337


 8.8566, 4.1524,
0.6945


 65.7468, 46.9674,
25.7784


 4.7041, 1.7592,
0.0000

 86.9080, 64.3909,
38.1266

 2.1077, 0.4615,
0.0000

 112.1826, 85.6649,
53.8969

 0.6934, 0.0000,
0.0000

 141.9362,
111.1738, 73.5078

 0.0000, 0.0000,
0.0000

 176.5340,

141.3018, 97.3778

216.3413,
176.4335, 125.9254

■ 23.2910, 13.9554,
5.0805

■ 23.2910, 13.9554,
5.0805

■ 22.1847, 12.3369,
2.8811

■ 24.9205, 16.3402,
8.3191

■ 21.5369, 11.3888,
1.5935

■ 27.1258, 19.5673,
12.7032

■ 21.2352, 10.9474,
0.9938

■ 29.9545, 23.7065,
18.3264

■ 33.4487, 28.8195,
25.2726

■ 37.6469, 34.9627,
33.6185

■ 42.5848, 42.1882,
43.4348

■ 48.2954, 50.5444,
54.7876

■ 54.8101, 60.0772,
67.7387

■ 62.1582, 70.8294,
82.3468

Harmonies

Analogous

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



25.2874, 13.9554, 14.8824



23.2910, 13.9554, 5.0805



18.5151, 13.9554, 1.6493

Triad

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



23.2910, 13.9554, 5.0805



6.5598, 13.9554, 5.3478



13.3744, 13.9554, 62.2276

Complementary

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



23.2910, 13.9554, 5.0805



29.2811, 41.3526, 55.1535

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.



9.1137, 13.9554, 53.6771



23.2910, 13.9554, 5.0805



5.8236, 13.9554, 15.5121

Square

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



23.2910, 13.9554, 5.0805



8.9662, 13.9554, 1.7220



6.6288, 13.9554, 33.8427



18.7539, 13.9554, 52.9501

Rectangle

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



23.2910, 13.9554, 5.0805



14.8752, 13.9554, 1.0321



6.6288, 13.9554, 33.8427



11.7739, 13.9554, 61.3087

Sweetspot

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



23.2913, 13.9562, 5.0807



67.9848, 63.0106, 60.4501



31.8955, 17.3972, 50.3918



14.4350, 13.1140, 12.2926



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.



23.2913, 13.9562, 5.0807



39.4821, 21.3025, 3.7896



28.9457, 25.2651, 6.9655



9.5302, 9.5365, 9.9151



14.1203, 7.2795, 0.6609



0.5531, 0.2852, 0.0259

Inverse Universe

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



29.2811, 41.3526, 55.1535



50.9727, 73.8592, 99.8488



17.8909, 18.5721, 51.3567



9.8086, 10.8095, 12.2417



18.4222, 26.9562, 36.6250



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 23.2910, 13.9554, 5.0805 looks on a white 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

Black Background



This preview shows how the XYZ color 23.2910, 13.9554, 5.0805 looks on a black 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

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

XYZ 23.2910, 13.9554, 5.0805

Background



This preview shows how black text looks on a background with the XYZ color 23.2910, 13.9554, 5.0805.



This preview shows how white text looks on a background with the XYZ color 23.2910, 13.9554,

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

23.2910, 13.9554, 5.0805

Protanopia

13.1936, 14.1616, 8.3414

Deuteranopia

14.2762, 14.0654, 4.6518



Tritanopia

23.3399, 13.9749, 5.3382

Trichromacy



Original Color

23.2910, 13.9554, 5.0805

Protanomaly

15.5469, 12.9605, 6.8365

Deuteranomaly

16.6949, 13.2463, 4.6945

Tritanomaly

23.3152, 13.9651, 5.2081

Monochromacy



Original Color

23.2910, 13.9554, 5.0805

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

13.5225, 11.0623, 9.0119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2910, 13.9554, 5.0805 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(190, 55, 55)` looks like.

```
.text, #text, p{  
    color:rgb(190, 55, 55)  
}
```

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(190, 55, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 55, 55) }
```

Border

The CSS property to change the border of an element to XYZ 23.2910, 13.9554, 5.0805 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(190, 55, 55) }
```


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

```
.border{ border-color:rgb(190, 55, 55) }
```

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

Here you see how a box with a 4 pixel rgb(190, 55, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 55, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 55, 55);  
box-shadow:4px 4px 4px 4px rgb(190, 55,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2910, 13.9554, 5.0805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 55, 55) }
```

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

```
.background{ background-color: rgb(190, 55,  
55) }
```

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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