

Converting Colors

XYZ(20.4592, 20.0792, 19.3414)

Have a look what the booklet for
XYZ(20.4592, 20.0792, 19.3414)
contains.

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Color

**XYZ(20.5163, 20.1829,
19.3374)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7874
RGB	139, 120, 116
RGB Percent	55%, 47%, 45%
CMY	0.4549, 0.5294, 0.5451
CMYK	0.00, 0.14, 0.17, 0.45
HSL	10°, 9%, 50%
HSV	10°, 17%, 55%
XYZ	20.5163, 20.1829, 19.3374
YIQ	125.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

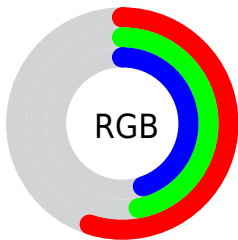
Format	Color
R_{YB}	139, 121, 116
Decimal	9140340
CIE _{Lab}	52.04, 6.64, 4.90
CIE _{LCh}	52, 8.252, 36.397
Yxy	20.1829, 0.3417, 0.3362
Android (android.graphics.Color)	4287330420 (0xFF8B7874)
YUV	125.2250, -4.5479, 12.0807
Hunter-Lab	44.9254, 2.8971, 5.9274

Details

The XYZ color **20.5163, 20.1829, 19.3374** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.5264, 22.9044, 27.7653**, and the grayscale version is **19.5811, 20.6009, 22.4344**.

A 20% lighter version of the original color is **43.8127, 43.6697, 43.1657**, and **7.4806, 7.1759, 6.4597** is the 20% darker color. If you saturate the color by 10%, you get **18.4686, 17.2860, 14.9598**, and if you desaturate by 10%, it is **22.8517, 23.4611, 24.4083**.

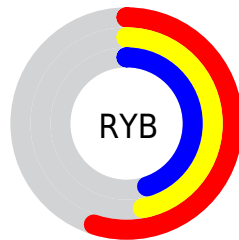
Distribution



Red (55%)

Green (47%)

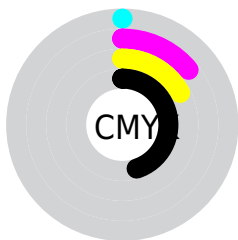
Blue (45%)



Red (55%)

Yellow (47%)

Blue (45%)

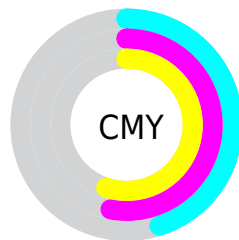


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (45%)



Cyan (45%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5163, 20.1829, 19.3374 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 20.5163, 20.1829, 19.3374 by changing the saturation by 10% instead.

■ 20.5163, 20.1829,
19.3374

■ 20.5163, 20.1829,
19.3374

247.4773,
252.9035, 260.7896

■ 12.8813, 12.5281,
11.7351

■ 43.7785, 43.7236,
43.1477

■ 7.4233, 7.1044,
6.4432

■ 60.1364, 60.3783,
60.1928

■ 3.7769, 3.5275,
3.0433

■ 80.1327, 80.8017,
81.2225

■ 1.5767, 1.4129,
1.1168

104.1328,
105.3782, 106.6554

■ 0.3772, 0.2262,
0.0000

132.5019,
134.4923, 136.9100

■ 0.0000, 0.0000,
0.0000

165.6054,

168.5283, 172.4049

203.8088,
207.8705, 213.5586

■ 20.5163, 20.1829,
19.3374

■ 20.5163, 20.1829,
19.3374

■ 18.4686, 17.2860,
14.9598

■ 22.8517, 23.4611,
24.4083

■ 16.6959, 14.7540,
11.2441

■ 25.4836, 27.1311,
30.1996

■ 15.1865, 12.5732,
8.1583

■ 28.4228, 31.2062,
36.7384

■ 13.9279, 10.7278,
5.6673

■ 31.6786, 35.6982,
44.0500

■ 12.9060, 9.2010,
3.7326

■ 35.2603, 40.6187,
52.1586

■ 12.1054, 7.9746,
2.3109

■ 39.1767, 45.9786,
61.0873

■ 11.5091, 7.0282,
1.3528

■ 43.4361, 51.7885,
70.8582

■ 11.0928, 6.3375,
0.7765

■ 48.0466, 58.0586,
81.4928

■ 10.9781, 6.1502,
0.6085

■ 53.0162, 64.7987,
93.0115

Harmonies

Analogous

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



20.8377, 20.1829, 21.4631



20.5163, 20.1829, 19.3374



19.8389, 20.1829, 17.9945

Triad

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



20.5163, 20.1829, 19.3374



17.7374, 20.1829, 20.1708



19.3642, 20.1829, 26.9137

Complementary

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



20.5163, 20.1829, 19.3374



20.5264, 22.9044, 27.7653

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.



18.5422, 20.1829, 26.5048



20.5163, 20.1829, 19.3374



17.6187, 20.1829, 22.4964

Square

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



20.5163, 20.1829, 19.3374



18.2384, 20.1829, 18.4505



17.9092, 20.1829, 24.8438



20.1601, 20.1829, 25.9237

Rectangle

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



20.5163, 20.1829, 19.3374



19.2852, 20.1829, 17.6650



17.9092, 20.1829, 24.8438



19.0817, 20.1829, 26.9363

Sweetspot

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



20.5169, 20.1838, 19.3378



41.5676, 42.9156, 45.1212



21.2779, 19.7340, 25.6709



9.5137, 9.7987, 10.2558



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.5169, 20.1838, 19.3378



35.2557, 34.0481, 31.4372



21.9611, 23.0724, 19.8193



5.0987, 5.1803, 5.2836



9.9178, 5.5699, 0.5524



0.0735, 0.0522, 0.0062

Inverse Universe

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



20.5264, 22.9044, 27.7653



35.2755, 39.9054, 49.5863



19.0288, 19.9092, 27.2661



5.1001, 5.5431, 6.4070



9.7306, 12.7315, 23.9903



0.0737, 0.1026, 0.1624

Previews

White Background



This preview shows how the XYZ color 20.5163, 20.1829, 19.3374 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 20.5163, 20.1829, 19.3374 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 20.5163, 20.1829, 19.3374

Background



This preview shows how black text looks on a background with the XYZ color 20.5163, 20.1829, 19.3374.



This preview shows how white text looks on a background with the XYZ color 20.5163, 20.1829,

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

20.5163, 20.1829, 19.3374

Protanopia

19.3798, 20.3125, 20.0388

Deuteranopia

20.5163, 20.1829, 19.3374



Tritanopia

21.1244, 20.0646, 22.8382

Trichromacy



Original Color

20.5163, 20.1829, 19.3374

Protanomaly

19.8096, 20.3558, 19.7146

Deuteranomaly

20.5163, 20.1829, 19.3374

Tritanomaly

20.9872, 20.1992, 21.5316

Monochromacy



Original Color

20.5163, 20.1829, 19.3374

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.8017, 20.3169, 21.2902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5163, 20.1829, 19.3374 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(139, 120, 116)` looks like.

```
.text, #text, p{  
    color:rgb(139, 120, 116)  
}
```

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(139, 120, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 120, 116) }
```

Border

The CSS property to change the border of an element to XYZ 20.5163, 20.1829, 19.3374 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(139, 120, 116) }
```


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

```
.border{ border-color:rgb(139, 120, 116) }
```

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

Here you see how a box with a 4 pixel rgb(139, 120, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 120, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 120, 116);  
box-shadow:4px 4px 4px 4px rgb(139, 120,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5163, 20.1829, 19.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 120, 116) }
```

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

```
.background{ background-color: rgb(139,  
120, 116) }
```

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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