

Converting Colors

XYZ(20.6718, 19.1828, 13.6220)

Have a look what the booklet for
XYZ(20.6718, 19.1828, 13.6220)
contains.

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Color

**XYZ(20.5941, 19.1388,
13.6751)**

Conversions

Conversions Part 1

Format	Color
Hex	967160
RGB	150, 113, 96
RGB Percent	59%, 44%, 38%
CMY	0.4118, 0.5568, 0.6235
CMYK	0.00, 0.25, 0.36, 0.41
HSL	19°, 22%, 48%
HSV	19°, 36%, 59%
XYZ	20.5941, 19.1388, 13.6751
YIQ	122.1250, 27.5090, 2.5570

Conversions

Conversions Part 2

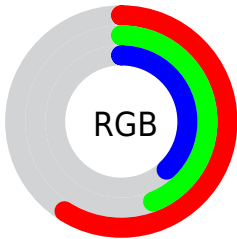
Format	Color
R_{YB}	150, 121, 96
Decimal	9859424
CIE _{Lab}	50.85, 12.17, 15.10
CIE _{LCh}	51, 19.392, 51.135
Yxy	19.1388, 0.3856, 0.3584
Android (android.graphics.Color)	4288049504 (0xFF967160)
YUV	122.1250, -12.8796, 24.4464
Hunter-Lab	43.7479, 7.4691, 12.0902

Details

The XYZ color **20.5941, 19.1388, 13.6751** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.7161, 21.4631, 32.0105**, and the grayscale version is **18.5744, 19.5417, 21.2809**.

A 20% lighter version of the original color is **43.8984, 41.9960, 33.3961**, and **7.5030, 6.6076, 3.8975** is the 20% darker color. If you saturate the color by 10%, you get **18.8860, 16.7244, 10.0175**, and if you desaturate by 10%, it is **22.5648, 21.8674, 18.0708**.

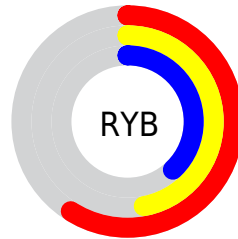
Distribution



Red (59%)

Green (44%)

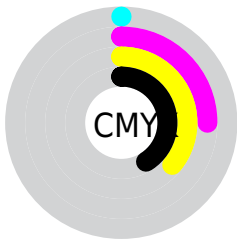
Blue (38%)



Red (59%)

Yellow (47%)

Blue (38%)

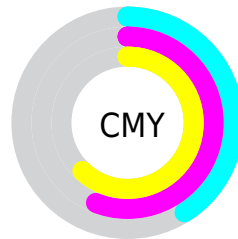


Cyan (0%)

Magenta (25%)

Yellow (36%)

Black (41%)



Cyan (41%)

Magenta (56%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5941, 19.1388, 13.6751 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 20.5941, 19.1388, 13.6751 by changing the saturation by 10% instead.

■ 20.5941, 19.1388,
13.6751

■ 20.5941, 19.1388,
13.6751

247.8862,
247.2139, 226.5578

■ 12.9384, 11.7706,
7.7589

■ 43.9074, 41.9685,
33.2202

■ 7.4628, 6.5877,
3.8555

■ 60.2957, 58.1988,
47.6862

■ 3.8021, 3.2056,
1.5464

■ 80.3256, 78.1520,
65.8391

■ 1.5908, 1.2400,
0.2521

■ 104.3624,
102.2123, 88.0976

■ 0.3864, 0.0940,
0.0000

132.7715,
130.7643, 114.8802

■ 0.0000, 0.0000,
0.0000

165.9183,

164.1923, 146.6054

204.1680,
202.8807, 183.6918

■ 20.5941, 19.1388,
13.6751

■ 20.5941, 19.1388,
13.6751

■ 18.8860, 16.7244,
10.0175

■ 22.5648, 21.8674,
18.0708

■ 17.4273, 14.6099,
7.0559

■ 24.8077, 24.9186,
23.2413

■ 16.2056, 12.7838,
4.7455

■ 27.3337, 28.3036,
29.2222

■ 15.2068, 11.2328,
3.0358

■ 30.1525, 32.0324,
36.0466

■ 14.4150, 9.9422,
1.8688

■ 33.2735, 36.1145,
43.7457

■ 13.8094, 8.8949,
1.1614

■ 36.7056, 40.5590,
52.3490

■ 13.6034, 8.5356,
0.9306

■ 40.4572, 45.3748,
61.8849

■ 44.5367, 50.5703,
72.3802

■ 48.9517, 56.1538,
83.8608

Harmonies

Analogous

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



21.8360, 19.1388, 17.2718



20.5941, 19.1388, 13.6751



18.7627, 19.1388, 12.0782

Triad

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



20.5941, 19.1388, 13.6751



14.7980, 19.1388, 19.2596



19.5475, 19.1388, 32.2698

Complementary

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



20.5941, 19.1388, 13.6751



18.7161, 21.4631, 32.0105

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.



17.6307, 19.1388, 33.0549



20.5941, 19.1388, 13.6751



14.9758, 19.1388, 24.8662

Square

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



20.5941, 19.1388, 13.6751



15.4784, 19.1388, 14.9111



15.9822, 19.1388, 30.1485



21.2030, 19.1388, 28.1603

Rectangle

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



20.5941, 19.1388, 13.6751



17.4908, 19.1388, 12.1286



15.9822, 19.1388, 30.1485



18.9094, 19.1388, 32.9566

Sweetspot

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



20.5946, 19.1397, 13.6755



45.8487, 46.7582, 45.8816



21.0498, 16.5656, 24.5693



10.0431, 10.2045, 9.8902



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.5946, 19.1397, 13.6755



33.9406, 30.3866, 18.9616



23.9506, 25.8518, 14.7942



5.9410, 6.0957, 6.1039



11.3086, 7.1316, 0.7805



0.1625, 0.1355, 0.0176

Inverse Universe

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



18.7161, 21.4631, 32.0105



30.1253, 35.0742, 56.1035



15.5660, 15.1628, 30.9604



5.8117, 6.2573, 7.3712



8.5989, 9.8926, 25.3873



0.1317, 0.1741, 0.3196

Previews

White Background



This preview shows how the XYZ color 20.5941, 19.1388, 13.6751 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 20.5941, 19.1388, 13.6751 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 20.5941, 19.1388, 13.6751

Background



This preview shows how black text looks on a background with the XYZ color 20.5941, 19.1388, 13.6751.



This preview shows how white text looks on a background with the XYZ color 20.5941, 19.1388,

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

20.5941, 19.1388, 13.6751

Protanopia

18.0397, 19.1840, 14.8087

Deuteranopia

19.4663, 19.0678, 13.4809



Tritanopia

21.7948, 19.1353, 19.6843

Trichromacy



Original Color

20.5941, 19.1388, 13.6751

Protanomaly

18.8839, 19.0920, 14.4942

Deuteranomaly

19.8733, 19.1074, 13.4671

Tritanomaly

21.2614, 19.0740, 17.3129

Monochromacy



Original Color

20.5941, 19.1388, 13.6751

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.0932, 19.2914, 18.3401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5941, 19.1388, 13.6751 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(150, 113, 96)` looks like.

```
.text, #text, p{  
    color:rgb(150, 113, 96)  
}
```

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(150, 113, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 113, 96) }
```

Border

The CSS property to change the border of an element to XYZ 20.5941, 19.1388, 13.6751 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(150, 113, 96) }
```


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

```
.border{ border-color:rgb(150, 113, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 113, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 113, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 113, 96);  
box-shadow:4px 4px 4px 4px rgb(150, 113,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5941, 19.1388, 13.6751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 113, 96) }
```

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

```
.background{ background-color: rgb(150,  
113, 96) }
```

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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