

Converting Colors

XYZ(20.3518, 19.2686, 19.3827)

Have a look what the booklet for
XYZ(20.3518, 19.2686, 19.3827)
contains.

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Color

**XYZ(20.3261, 19.2085,
19.4659)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7375
RGB	141, 115, 117
RGB Percent	55%, 45%, 46%
CMY	0.4471, 0.5490, 0.5412
CMYK	0.00, 0.18, 0.17, 0.45
HSL	355°, 10%, 50%
HSV	355°, 18%, 55%
XYZ	20.3261, 19.2085, 19.4659
YIQ	123.0020, 14.8540, 6.1340

Conversions

Conversions Part 2

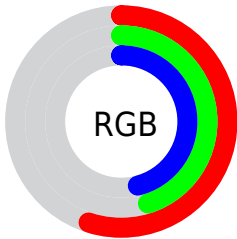
Format	Color
R_{YB}	141, 115, 117
Decimal	9270133
CIE _{Lab}	50.93, 10.51, 2.73
CIE _{LCh}	51, 10.859, 14.554
Yxy	19.2085, 0.3445, 0.3256
Android (android.graphics.Color)	4287460213 (0xFF8D7375)
YUV	123.0020, -2.9590, 15.7842
Hunter-Lab	43.8275, 6.0857, 4.3457

Details

The XYZ color **20.3261, 19.2085, 19.4659** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.2560, 24.5591, 28.0474**, and the grayscale version is **18.8338, 19.8146, 21.5781**.

A 20% lighter version of the original color is **43.4858, 42.1041, 43.3711**, and **7.2978, 6.6176, 6.5229** is the 20% darker color. If you saturate the color by 10%, you get **18.1268, 15.9505, 15.2158**, and if you desaturate by 10%, it is **22.8789, 23.0027, 24.3594**.

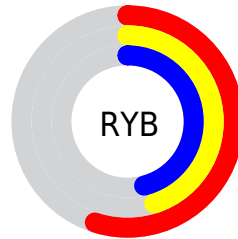
Distribution



Red (55%)

Green (45%)

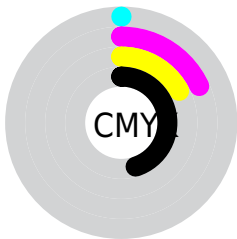
Blue (46%)



Red (55%)

Yellow (45%)

Blue (46%)

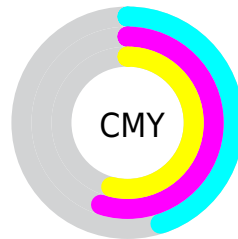


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3261, 19.2085, 19.4659 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 20.3261, 19.2085, 19.4659 by changing the saturation by 10% instead.

■ 20.3261, 19.2085,
19.4659

■ 20.3261, 19.2085,
19.4659

246.4751,
247.5974, 261.5168

■ 12.7419, 11.8210,
11.8272

■ 43.4630, 42.0861,
43.3670

■ 7.3269, 6.6219,
6.5050

■ 59.7465, 58.3451,
60.4665

■ 3.7155, 3.2268,
3.0808

■ 79.6605, 78.3299,
81.5567

■ 1.5425, 1.2513,
1.1360

■ 103.5703,
102.4252, 107.0561

■ 0.3545, 0.1030,
0.0000

131.8413,
131.0151, 137.3833

■ 0.0000, 0.0000,
0.0000

164.8389,

164.4842, 172.9568

202.9284,
203.2169, 214.1951

■ 20.3261, 19.2085,
19.4659

■ 20.3261, 19.2085,
19.4659

■ 18.1268, 15.9505,
15.2158

■ 22.8789, 23.0027,
24.3594

■ 16.2638, 13.2021,
11.5812

■ 25.7981, 27.3530,
29.9201

■ 14.7210, 10.9383,
8.5339

■ 29.0980, 32.2816,
36.1724

■ 13.4804, 9.1309,
6.0429

■ 32.7916, 37.8084,
43.1389

■ 12.5221, 7.7490,
4.0748

■ 36.8913, 43.9527,
50.8410

■ 11.8237, 6.7577,
2.5920

■ 41.4089, 50.7327,
59.2996

■ 11.3596, 6.1164,
1.5524

■ 46.3559, 58.1659,
68.5345

■ 11.0803, 5.7393,
0.9001

■ 51.7431, 66.2693,
78.5647

■ 11.0440, 5.6865,
0.8271

■ 57.5811, 75.0590,
89.4089

Harmonies

Analogous

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



20.3172, 19.2085, 22.5270



20.3261, 19.2085, 19.4659



19.7659, 19.2085, 17.0400

Triad

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



20.3261, 19.2085, 19.4659



16.8486, 19.2085, 16.9833



17.7135, 19.2085, 27.1375

Complementary

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



20.3261, 19.2085, 19.4659



21.2560, 24.5591, 28.0474

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.



16.8271, 19.2085, 25.3366



20.3261, 19.2085, 19.4659



16.3412, 19.2085, 19.3814

Square

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



20.3261, 19.2085, 19.4659



17.7439, 19.2085, 15.7048



16.3335, 19.2085, 22.4339



18.7801, 19.2085, 27.1658

Rectangle

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



20.3261, 19.2085, 19.4659



19.1573, 19.2085, 16.0235



16.3335, 19.2085, 22.4339



17.3856, 19.2085, 26.7121

Sweetspot

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



20.3266, 19.2094, 19.4663



42.1199, 42.9027, 45.8149



21.5586, 19.6600, 27.8580



9.3461, 9.4908, 10.1155



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.



20.3266, 19.2094, 19.4663



34.7378, 31.9335, 31.6542



21.5191, 21.7803, 19.2905



5.4247, 5.4304, 5.7343



10.0727, 5.1861, 0.7683



0.0990, 0.0507, 0.0214

Inverse Universe

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



20.3266, 19.2094, 19.4663



34.7378, 31.9335, 31.6542



19.8835, 21.5783, 28.3165



5.4247, 5.4304, 5.7343



10.0727, 5.1861, 0.7683



0.0990, 0.0507, 0.0214

Previews

White Background



This preview shows how the XYZ color 20.3261, 19.2085, 19.4659 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 20.3261, 19.2085, 19.4659 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 20.3261, 19.2085, 19.4659

Background



This preview shows how black text looks on a background with the XYZ color 20.3261, 19.2085, 19.4659.



This preview shows how white text looks on a background with the XYZ color 20.3261, 19.2085,

19.4659.

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

20.3261, 19.2085, 19.4659

Protanopia

18.5397, 19.3159, 20.5205

Deuteranopia

19.5638, 19.1578, 19.4963



Tritanopia

20.7478, 19.2155, 21.3543

Trichromacy



Original Color

20.3261, 19.2085, 19.4659

Protanomaly

19.1325, 19.2714, 20.1641

Deuteranomaly

19.7728, 19.0935, 19.4729

Tritanomaly

20.6238, 19.1659, 20.7016

Monochromacy



Original Color

20.3261, 19.2085, 19.4659

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.3736, 19.5592, 20.8434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3261, 19.2085, 19.4659 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(141, 115, 117)` looks like.

```
.text, #text, p{  
    color:rgb(141, 115, 117)  
}
```

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(141, 115, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 115, 117) }
```

Border

The CSS property to change the border of an element to XYZ 20.3261, 19.2085, 19.4659 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(141, 115, 117) }
```


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

```
.border{ border-color:rgb(141, 115, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 115, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 115, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 115, 117);  
box-shadow:4px 4px 4px 4px rgb(141, 115,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3261, 19.2085, 19.4659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 115, 117) }
```

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

```
.background{ background-color: rgb(141,  
115, 117) }
```

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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