

Converting Colors

XYZ(18.3355, 19.2176, 20.1957)

Have a look what the booklet for
XYZ(18.3355, 19.2176, 20.1957)
contains.

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Color

**XYZ(18.3355, 19.2176,
20.1957)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7977
RGB	123, 121, 119
RGB Percent	48%, 47%, 47%
CMY	0.5176, 0.5255, 0.5333
CMYK	0.00, 0.02, 0.03, 0.52
HSL	30°, 2%, 47%
HSV	30°, 3%, 48%
XYZ	18.3355, 19.2176, 20.1957
YIQ	121.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

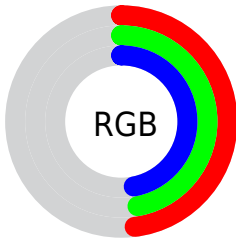
Format	Color
R_{YB}	123, 123, 119
Decimal	8092023
CIE Lab	50.94, 0.37, 1.36
CIE LCh	51, 1.405, 74.866
Yxy	19.2176, 0.3175, 0.3328
Android (android.graphics.Color)	4286282103 (0xFF7B7977)
YUV	121.3700, -1.1684, 1.4295
Hunter-Lab	43.8379, -2.0574, 3.3722

Details

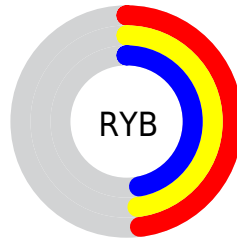
The XYZ color **18.3355, 19.2176, 20.1957** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.0202, 19.0264, 21.4618**, and the grayscale version is **18.2974, 19.2503, 20.9636**.

A 20% lighter version of the original color is **39.9735, 41.9414, 44.5167**, and **6.3439, 6.6759, 6.9154** is the 20% darker color. If you saturate the color by 10%, you get **16.9214, 17.4959, 16.3127**, and if you desaturate by 10%, it is **19.8938, 21.0743, 24.5990**.

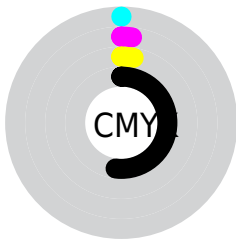
Distribution



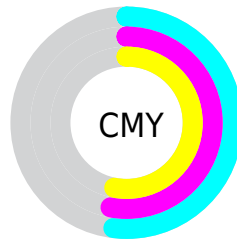
- Red (48%)
- Green (47%)
- Blue (47%)



- Red (48%)
- Yellow (48%)
- Blue (47%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3355, 19.2176, 20.1957 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 18.3355, 19.2176, 20.1957 by changing the saturation by 10% instead.

■ 18.3355, 19.2176,
20.1957

■ 18.3355, 19.2176,
20.1957

235.7645,
247.6474, 265.6118

■ 11.2923, 11.8276,
12.3519

■ 40.1338, 42.1015,
44.6083

■ 6.3325, 6.6264,
6.8584

■ 55.6196, 58.3641,
62.0142

■ 3.0909, 3.2296,
3.2966

■ 74.6503, 78.3532,
83.4446

■ 1.2020, 1.2527,
1.2480

97.5912, 102.4529,
109.3179

■ 0.1080, 0.1042,
0.0186

124.8077,
131.0479, 140.0527

■ 0.0000, 0.0000,
0.0000

156.6652,

164.5223, 176.0676

193.5290,
203.2607, 217.7811

■ 18.3355, 19.2176,
20.1957

■ 18.3355, 19.2176,
20.1957

■ 16.9214, 17.4959,
16.3127

■ 19.8938, 21.0743,
24.5990

■ 15.6455, 15.9036,
12.9293

■ 21.5991, 23.0665,
29.5398

■ 14.5034, 14.4380,
10.0251

■ 23.4560, 25.1982,
35.0360

■ 13.4901, 13.0956,
7.5781

■ 25.4683, 27.4721,
41.1044

■ 12.6002, 11.8728,
5.5643

■ 27.6400, 29.8911,
47.7609

■ 11.8278, 10.7656,
3.9575

■ 29.9747, 32.4579,
55.0210

■ 11.1663, 9.7698,
2.7288

■ 32.4758, 35.1750,
62.8995

■ 10.6086, 8.8807,
1.8452

■ 35.1468, 38.0450,
71.4106

■ 10.1458, 8.0930,
1.2657

■ 37.9910, 41.0704,
80.5682

Harmonies

Analogous

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



18.4555, 19.2176, 20.3903



18.3355, 19.2176, 20.1957



18.1974, 19.2176, 20.1948

Triad

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



18.3355, 19.2176, 20.1957



18.0091, 19.2176, 21.1214



18.4546, 19.2176, 21.4710

Complementary

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



18.3355, 19.2176, 20.1957



18.0202, 19.0264, 21.4618

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.



18.3343, 19.2176, 21.6720



18.3355, 19.2176, 20.1957



18.0773, 19.2176, 21.4684

Square

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



18.3355, 19.2176, 20.1957



18.0094, 19.2176, 20.7258



18.1962, 19.2176, 21.6710



18.5245, 19.2176, 21.1248

Rectangle

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



18.3355, 19.2176, 20.1957



18.1136, 19.2176, 20.3040



18.1962, 19.2176, 21.6710



18.4187, 19.2176, 21.5579

Sweetspot

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



18.3360, 19.2184, 20.1961



33.4337, 35.1343, 37.8401



18.2166, 18.7853, 20.7552



7.8789, 8.2803, 8.9252



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



18.3360, 19.2184, 20.1961



32.6106, 34.1447, 35.5416



18.5813, 19.7090, 20.2779



4.3028, 4.5028, 4.6640



10.2029, 7.8617, 0.9797



47.8174, 35.7982, 4.3895

Inverse Universe

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



18.0202, 19.0264, 21.4618



31.9017, 33.7137, 38.3826



17.7800, 18.5459, 21.3817



4.1993, 4.4399, 5.0788



5.4429, 4.9682, 20.0574



25.1121, 21.9969, 95.3921

Previews

White Background



This preview shows how the XYZ color 18.3355, 19.2176, 20.1957 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 18.3355, 19.2176, 20.1957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

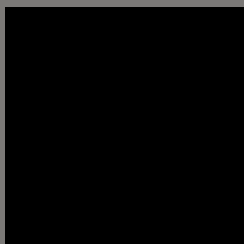
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

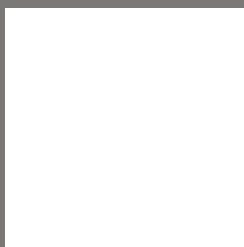
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3355, 19.2176, 20.1957

Background



This preview shows how black text looks on a background with the XYZ color 18.3355, 19.2176, 20.1957.



This preview shows how white text looks on a background with the XYZ color 18.3355, 19.2176,

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

18.3355, 19.2176, 20.1957

Protanopia

18.4793, 19.2917, 20.2025

Deuteranopia

19.4243, 19.0652, 20.4255



Tritanopia

18.8715, 19.0637, 23.4539

Trichromacy



Original Color

18.3355, 19.2176, 20.1957

Protanomaly

18.4793, 19.2917, 20.2025

Deuteranomaly

18.9219, 18.9801, 20.4355

Tritanomaly

18.7303, 19.1987, 22.1206

Monochromacy



Original Color

18.3355, 19.2176, 20.1957

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.2536, 19.1684, 20.5071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3355, 19.2176, 20.1957 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(123, 121, 119)` looks like.

```
.text, #text, p{  
    color:rgb(123, 121, 119)  
}
```

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(123, 121, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 121, 119) }
```

Border

The CSS property to change the border of an element to XYZ 18.3355, 19.2176, 20.1957 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(123, 121, 119) }
```


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

```
.border{ border-color:rgb(123, 121, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 121, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 121, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 121, 119);  
box-shadow:4px 4px 4px 4px rgb(123, 121,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3355, 19.2176, 20.1957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 121, 119) }
```

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

```
.background{ background-color: rgb(123,  
121, 119) }
```

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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