

Converting Colors

XYZ(18.3694, 19.1150, 20.6906)

Have a look what the booklet for
XYZ(18.3694, 19.1150, 20.6906)
contains.

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Color

**XYZ(18.3360, 19.0244,
20.7948)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7879
RGB	123, 120, 121
RGB Percent	48%, 47%, 47%
CMY	0.5176, 0.5294, 0.5255
CMYK	0.00, 0.02, 0.02, 0.52
HSL	340°, 1%, 48%
HSV	340°, 2%, 48%
XYZ	18.3360, 19.0244, 20.7948
YIQ	121.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

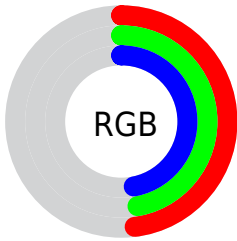
Format	Color
R_{YB}	123, 120, 121
Decimal	8091769
CIE Lab	50.72, 1.34, -0.15
CIE LCh	51, 1.348, 353.664
Yxy	19.0244, 0.3153, 0.3271
Android (android.graphics.Color)	4286281849 (0xFF7B7879)
YUV	121.0110, -0.0054, 1.7444
Hunter-Lab	43.6170, -1.2906, 2.2648

Details

The XYZ color **18.3360, 19.0244, 20.7948** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.3422, 19.5645, 21.2229**, and the grayscale version is **18.1776, 19.1243, 20.8264**.

A 20% lighter version of the original color is **39.9745, 41.6361, 45.4649**, and **6.3440, 6.5716, 7.2374** is the 20% darker color. If you saturate the color by 10%, you get **16.4688, 16.0613, 17.7943**, and if you desaturate by 10%, it is **20.4371, 22.3864, 24.0850**.

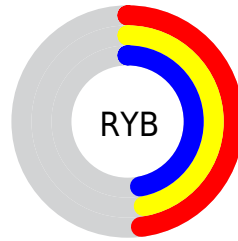
Distribution



Red (48%)

Green (47%)

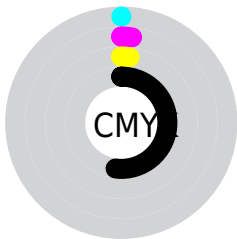
Blue (47%)



Red (48%)

Yellow (47%)

Blue (47%)

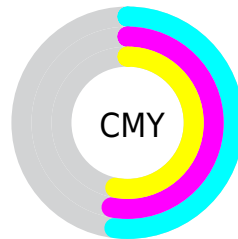


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (52%)



Cyan (52%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3360, 19.0244, 20.7948 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 18.3360, 19.0244, 20.7948 by changing the saturation by 10% instead.

■ 18.3360, 19.0244,
20.7948

■ 18.3360, 19.0244,
20.7948

235.7673,
246.5834, 268.9311

■ 11.2926, 11.6879,
12.7843

■ 40.1346, 41.7753,
45.6221

■ 6.3328, 6.5315,
7.1512

■ 55.6206, 57.9586,
63.2760

■ 3.0910, 3.1709,
3.4770

■ 74.6515, 77.8595,
84.9815

■ 1.2021, 1.2216,
1.3430

97.5927, 101.8625,
111.1571

■ 0.1080, 0.0792,
0.0967

124.8095,
130.3520, 142.2213

■ 0.0000, 0.0000,
0.0000

156.6673,

163.7124, 178.5926

193.5314,
202.3281, 220.6897

■ 18.3360, 19.0244,
20.7948

■ 18.3360, 19.0244,
20.7948

■ 16.4688, 16.0613,
17.7943

■ 20.4371, 22.3864,
24.0850

■ 14.8257, 13.4797,
15.0743

■ 22.7784, 26.1588,
27.6713

■ 13.3985, 11.2649,
12.6269

■ 25.3678, 30.3558,
31.5616

■ 12.1779, 9.4000,
10.4432

■ 28.2125, 34.9900,
35.7628

■ 11.1538, 7.8668,
8.5140

■ 31.3193, 40.0737,
40.2819

■ 10.3153, 6.6457,
6.8295

■ 34.6948, 45.6185,
45.1254

■ 9.6505, 5.7146,
5.3790

■ 38.3453, 51.6357,
50.2999

■ 9.1458, 5.0489,
4.1511

■ 42.2770, 58.1363,
55.8115

■ 8.7854, 4.6193,
3.1331

■ 46.4957, 65.1308,
61.6664

Harmonies

Analogous

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



18.2877, 19.0244, 21.1488



18.3360, 19.0244, 20.7948



18.3160, 19.0244, 20.4234

Triad

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



18.3360, 19.0244, 20.7948



17.9803, 19.0244, 20.0545



17.9319, 19.0244, 21.3065

Complementary

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



18.3360, 19.0244, 20.7948



18.3422, 19.5645, 21.2229

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.



17.8502, 19.0244, 21.0080



18.3360, 19.0244, 20.7948



17.8781, 19.0244, 20.2859

Square

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



18.3360, 19.0244, 20.7948



18.1102, 19.0244, 19.9990



17.8306, 19.0244, 20.6341



18.0541, 19.0244, 21.4465

Rectangle

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



18.3360, 19.0244, 20.7948



18.2667, 19.0244, 20.2157



17.8306, 19.0244, 20.6341



17.8988, 19.0244, 21.2212

Sweetspot

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



18.3365, 19.0252, 20.7952



33.3414, 34.8753, 38.0389



18.3183, 19.0015, 21.4412



7.8587, 8.2237, 8.9686



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.



18.3365, 19.0252, 20.7952



32.6105, 33.7100, 36.8811



18.3359, 19.1213, 20.4947



4.2923, 4.4226, 4.8426



8.8607, 4.5204, 2.5573



41.9091, 21.4200, 10.3173

Inverse Universe

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



18.3365, 19.0252, 20.7952



32.6105, 33.7100, 36.8811



18.3426, 19.4658, 21.5295



4.2923, 4.4226, 4.8426



8.8607, 4.5204, 2.5573



41.9091, 21.4200, 10.3173

Previews

White Background



This preview shows how the XYZ color 18.3360, 19.0244, 20.7948 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 18.3360, 19.0244, 20.7948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

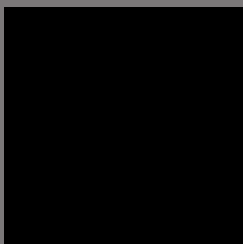
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

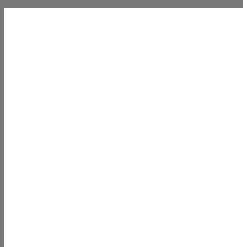
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3360, 19.0244, 20.7948

Background



This preview shows how black text looks on a background with the XYZ color 18.3360, 19.0244, 20.7948.



This preview shows how white text looks on a background with the XYZ color 18.3360, 19.0244,

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

18.3360, 19.0244, 20.7948

Protanopia

18.3360, 19.0244, 20.7948

Deuteranopia

19.3899, 19.0333, 21.0642



Tritanopia

18.8053, 19.0373, 23.1055

Trichromacy



Original Color

18.3360, 19.0244, 20.7948

Protanomaly

18.3360, 19.0244, 20.7948

Deuteranomaly

19.0445, 19.0291, 21.0816

Tritanomaly

18.6107, 18.9594, 22.0807

Monochromacy



Original Color

18.3360, 19.0244, 20.7948

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.3146, 19.1928, 20.8285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3360, 19.0244, 20.7948 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, 120, 121)` looks like.

```
.text, #text, p{  
    color:rgb(123, 120, 121)  
}
```

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, 120, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 120, 121) }
```

Border

The CSS property to change the border of an element to XYZ 18.3360, 19.0244, 20.7948 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, 120, 121) }
```


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

```
.border{ border-color:rgb(123, 120, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 120, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 120, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 120, 121);  
box-shadow:4px 4px 4px 4px rgb(123, 120,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3360, 19.0244, 20.7948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 120, 121) }
```

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

```
.background{ background-color: rgb(123,  
120, 121) }
```

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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