

Converting Colors

XYZ(18.4578, 19.1395, 24.3684)

Have a look what the booklet for
XYZ(18.4578, 19.1395, 24.3684)
contains.

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Color

**XYZ(18.4053, 19.1650,
24.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	767983
RGB	118, 121, 131
RGB Percent	46%, 47%, 51%
CMY	0.5373, 0.5255, 0.4863
CMYK	0.10, 0.08, 0.00, 0.49
HSL	226°, 5%, 49%
HSV	226°, 10%, 51%
XYZ	18.4053, 19.1650, 24.2019
YIQ	121.2430, -4.9980, 2.4740

Conversions

Conversions Part 2

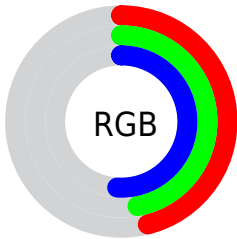
Format	Color
R_{YB}	118, 120, 131
Decimal	7764355
CIE _{Lab}	50.88, 1.00, -5.84
CIE _{LCh}	51, 5.925, 279.681
Yxy	19.1650, 0.2980, 0.3103
Android (android.graphics.Color)	4285954435 (0xFF767983)
YUV	121.2430, 4.8102, -2.8441
Hunter-Lab	43.7778, -1.5654, -2.1331

Details

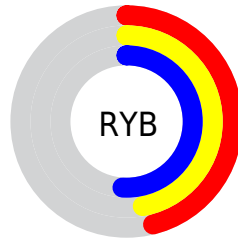
The XYZ color **18.4053, 19.1650, 24.2019** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.3493, 21.5714, 20.2310**, and the grayscale version is **18.2391, 19.1889, 20.8968**.

A 20% lighter version of the original color is **40.1729, 41.8939, 51.3164**, and **6.4313, 6.6764, 8.9323** is the 20% darker color. If you saturate the color by 10%, you get **15.5874, 15.9892, 23.7377**, and if you desaturate by 10%, it is **21.5993, 22.7256, 24.7211**.

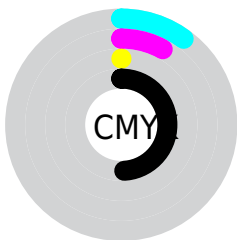
Distribution



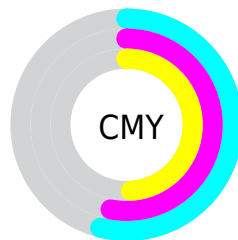
- Red (46%)
- Green (47%)
- Blue (51%)



- Red (46%)
- Yellow (47%)
- Blue (51%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (54%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4053, 19.1650, 24.2019 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 18.4053, 19.1650, 24.2019 by changing the saturation by 10% instead.

■ 18.4053, 19.1650,
24.2019

■ 18.4053, 19.1650,
24.2019

236.1474,
247.3581, 287.1590

■ 11.3428, 11.7896,
15.2699

■ 40.2514, 42.0127,
51.3074

■ 6.3669, 6.6006,
8.8603

■ 55.7658, 58.2538,
70.3180

■ 3.1122, 3.2136,
4.5546

■ 74.8281, 78.2189,
93.5252

■ 1.2134, 1.2442,
1.9343

97.8039, 102.2924,
121.3475

■ 0.1169, 0.0974,
0.5144

125.0583,
130.8586, 154.2035

■ 0.0000, 0.0000,
0.0000

156.9568,

164.3021, 192.5117

193.8647,
203.0071, 236.6907

■ 18.4053, 19.1650,
24.2019

■ 18.4053, 19.1650,
24.2019

■ 15.5874, 15.9892,
23.7377

■ 21.5993, 22.7256,
24.7211

■ 13.1300, 13.1827,
23.3255

■ 25.1810, 26.6809,
25.2958

■ 11.0186, 10.7325,
22.9639

■ 29.1635, 31.0437,
25.9280

■ 9.2372, 8.6240,
22.6508

■ 33.5590, 35.8251,
26.6192

■ 7.7686, 6.8415,
22.3841

■ 38.3790, 41.0361,
27.3710

■ 6.5938, 5.3680,
22.1616

■ 43.6345, 46.6872,
28.1848

■ 5.6917, 4.1847,
21.9808

■ 49.3361, 52.7884,
29.0619

■ 5.0382, 3.2708,
21.8388

■ 55.4943, 59.3496,
30.0038

■ 4.5707, 2.5847,
21.7310

■ 62.1189, 66.3802,
31.0117

Harmonies

Analogous

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



17.8285, 19.1650, 24.0319



18.4053, 19.1650, 24.2019



18.9424, 19.1650, 23.4424

Triad

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



18.4053, 19.1650, 24.2019



19.0940, 19.1650, 18.8800



17.1826, 19.1650, 19.7702

Complementary

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



18.4053, 19.1650, 24.2019



20.3493, 21.5714, 20.2310

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.



17.5079, 19.1650, 18.4883



18.4053, 19.1650, 24.2019



18.6086, 19.1650, 17.9937

Square

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



18.4053, 19.1650, 24.2019



19.3456, 19.1650, 20.3311



18.0275, 19.1650, 17.8542



17.1308, 19.1650, 21.4131

Rectangle

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



18.4053, 19.1650, 24.2019



19.2027, 19.1650, 22.5339



18.0275, 19.1650, 17.8542



17.2632, 19.1650, 19.2852

Sweetspot

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



18.4059, 19.1658, 24.2023



36.8065, 38.6156, 43.9668



19.4819, 21.6421, 23.5614



8.4687, 8.8785, 10.2201



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.4059, 19.1658, 24.2023



31.7133, 32.9218, 43.1362



18.5262, 18.6946, 24.1050



4.5153, 4.7063, 5.8712



4.4977, 2.5433, 21.3905



0.0204, 0.0184, 0.0757

Inverse Universe

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



19.2901, 19.1630, 20.7723



33.6472, 32.9344, 35.6303



20.2187, 22.0940, 20.3387



4.7134, 4.7050, 5.1031



9.4484, 4.8437, 1.6674



0.0351, 0.0177, 0.0185

Previews

White Background



This preview shows how the XYZ color 18.4053, 19.1650, 24.2019 looks on a white background.

Color Contrast Check

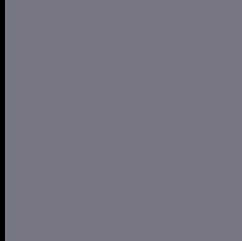
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4053, 19.1650, 24.2019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

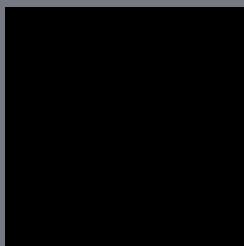
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

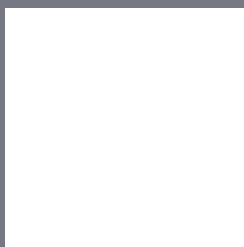
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4053, 19.1650, 24.2019

Background



This preview shows how black text looks on a background with the XYZ color 18.4053, 19.1650, 24.2019.



This preview shows how white text looks on a background with the XYZ color 18.4053, 19.1650,

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

18.4053, 19.1650, 24.2019

Protanopia

18.5589, 19.0647, 24.1744

Deuteranopia

19.5454, 19.2120, 24.5079



Tritanopia

18.4053, 19.1650, 24.2019

Trichromacy



Original Color

18.4053, 19.1650, 24.2019

Protanomaly

18.4210, 18.9936, 24.1680

Deuteranomaly

19.0739, 19.1447, 24.5198

Tritanomaly

18.4053, 19.1650, 24.2019

Monochromacy



Original Color

18.4053, 19.1650, 24.2019

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.2848, 19.1485, 22.1344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4053, 19.1650, 24.2019 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(118, 121, 131)` looks like.

```
.text, #text, p{  
    color:rgb(118, 121, 131)  
}
```

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(118, 121, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 121, 131) }
```

Border

The CSS property to change the border of an element to XYZ 18.4053, 19.1650, 24.2019 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(118, 121, 131) }
```


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

```
.border{ border-color:rgb(118, 121, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 121, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 121, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 121, 131);  
box-shadow:4px 4px 4px 4px rgb(118, 121,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4053, 19.1650, 24.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 121, 131) }
```

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

```
.background{ background-color: rgb(118,  
121, 131) }
```

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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