

Converting Colors

XYZ(19.2484, 21.2982, 35.3165)

Have a look what the booklet for
XYZ(19.2484, 21.2982, 35.3165)
contains.

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Color

**XYZ(19.2176, 21.2426,
35.4351)**

Conversions

Conversions Part 1

Format	Color
Hex	61839E
RGB	97, 131, 158
RGB Percent	38%, 51%, 62%
CMY	0.6196, 0.4863, 0.3804
CMYK	0.39, 0.17, 0.00, 0.38
HSL	207°, 24%, 50%
HSV	207°, 39%, 62%
XYZ	19.2176, 21.2426, 35.4351
YIQ	123.9120, -28.9310, 1.1890

Conversions

Conversions Part 2

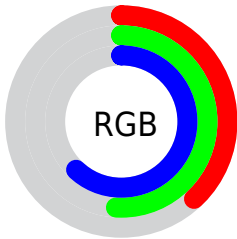
Format	Color
R _Y B	97, 119, 158
Decimal	6390686
CIE Lab	53.21, -4.87, -18.23
CIE LCh	53, 18.874, 255.045
Yxy	21.2426, 0.2532, 0.2799
Android (android.graphics.Color)	4284580766 (0xFF61839E)
YUV	123.9120, 16.8054, -23.6018
Hunter-Lab	46.0897, -6.2294, -13.3211

Details

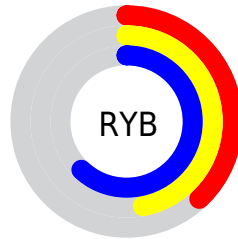
The XYZ color **19.2176, 21.2426, 35.4351** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **23.4663, 22.5478, 14.4252**, and the grayscale version is **19.0821, 20.0759, 21.8627**.

A 20% lighter version of the original color is **41.7284, 45.5691, 69.5472**, and **6.7978, 7.6770, 15.0334** is the 20% darker color. If you saturate the color by 10%, you get **16.7911, 18.6445, 35.0619**, and if you desaturate by 10%, it is **22.0442, 24.1420, 35.8461**.

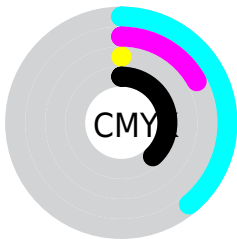
Distribution



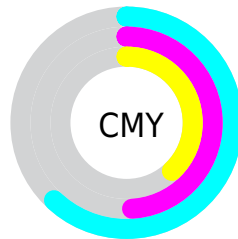
- Red (38%)
- Green (51%)
- Blue (62%)



- Red (38%)
- Yellow (47%)
- Blue (62%)



- Cyan (39%)
- Magenta (17%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2176, 21.2426, 35.4351 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 19.2176, 21.2426, 35.4351 by changing the saturation by 10% instead.

■ 19.2176, 21.2426,
35.4351

■ 19.2176, 21.2426,
35.4351

240.5625,
258.5650, 341.4471

■ 11.9326, 13.3015,
23.7120

■ 41.6155, 45.4909,
69.3185

■ 6.7696, 7.6365,
14.9099

■ 57.4591, 62.5669,
92.3158

■ 3.3635, 3.8632,
8.6103

■ 76.8862, 83.4566,
119.9083

■ 1.3488, 1.5973,
4.3945

■ 100.2622,
108.5445, 152.5145

■ 0.2193, 0.3558,
1.8442

127.9525,
138.2148, 190.5529

■ 0.0000, 0.0000,
0.4569

160.3224,

■ 0.0000, 0.0000,

172.8521, 234.4422

0.0000

197.7373,
212.8407, 284.6007

■ 19.2176, 21.2426,
35.4351

■ 19.2176, 21.2426,
35.4351

■ 16.7911, 18.6445,
35.0619

■ 22.0442, 24.1420,
35.8461

■ 14.7415, 16.3325,
34.7237

■ 25.2883, 27.3521,
36.2948

■ 13.0459, 14.2934,
34.4194

■ 28.9690, 30.8850,
36.7827

■ 11.6780, 12.5117,
34.1476

■ 33.1033, 34.7510,
37.3110

■ 10.6073, 10.9696,
33.9064

■ 37.7073, 38.9602,
37.8808

■ 9.7751, 9.6348,
33.6926

■ 42.7963, 43.5220,
38.4931

■ 9.6670, 9.4593,
33.6644

■ 48.3848, 48.4455,
39.1489

■ 54.4868, 53.7395,
39.8491

■ 61.1157, 59.4124,
40.5947

Harmonies

Analogous

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



17.6022, 21.2426, 31.7975



19.2176, 21.2426, 35.4351



21.2016, 21.2426, 35.4292

Triad

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



19.2176, 21.2426, 35.4351



24.1218, 21.2426, 20.3962



17.5983, 21.2426, 16.2097

Complementary

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



19.2176, 21.2426, 35.4351



23.4663, 22.5478, 14.4252

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.



19.2120, 21.2426, 14.0675



19.2176, 21.2426, 35.4351



23.0208, 21.2426, 16.2001

Square

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



19.2176, 21.2426, 35.4351



24.1236, 21.2426, 26.0789



21.1956, 21.2426, 14.0644



16.7099, 21.2426, 20.4114

Rectangle

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



19.2176, 21.2426, 35.4351



22.4718, 21.2426, 33.3282



21.1956, 21.2426, 14.0644



18.0690, 21.2426, 15.2579

Sweetspot

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



19.2183, 21.2434, 35.4356



50.0884, 53.6898, 66.4667



20.7595, 28.4365, 23.2767



11.1091, 11.9287, 14.9606



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.2183, 21.2434, 35.4356



31.1953, 34.6264, 63.7828



15.7620, 14.3310, 34.2835



6.5759, 7.0176, 8.4146



7.7819, 7.6554, 26.9747



0.1809, 0.2205, 0.4962

Inverse Universe

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



22.4725, 17.4578, 23.6588



38.0956, 27.3854, 38.6355



27.8032, 31.2218, 15.8709



6.7800, 6.7049, 7.6928



12.7262, 6.3950, 8.0749



0.2486, 0.1228, 0.2555

Previews

White Background



This preview shows how the XYZ color 19.2176, 21.2426, 35.4351 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 19.2176, 21.2426, 35.4351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

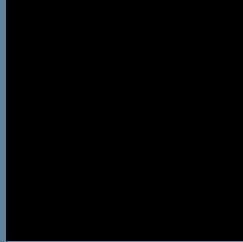
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

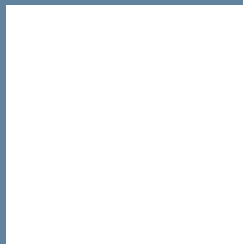
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2176, 21.2426, 35.4351

Background



This preview shows how black text looks on a background with the XYZ color 19.2176, 21.2426, 35.4351.



This preview shows how white text looks on a background with the XYZ color 19.2176, 21.2426,

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

19.2176, 21.2426, 35.4351

Protanopia

20.9121, 20.9934, 33.5218

Deuteranopia

21.4917, 21.0561, 35.7324



Tritanopia

17.9358, 21.1158, 29.5160

Trichromacy



Original Color

19.2176, 21.2426, 35.4351

Protanomaly

20.1879, 20.9900, 33.9978

Deuteranomaly

20.6574, 21.1927, 35.8027

Tritanomaly

18.2922, 21.0521, 31.5331

Monochromacy



Original Color

19.2176, 21.2426, 35.4351

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.9727, 20.5337, 26.2560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2176, 21.2426, 35.4351 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(97, 131, 158)` looks like.

```
.text, #text, p{  
    color:rgb(97, 131, 158)  
}
```

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(97, 131, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 131, 158) }
```

Border

The CSS property to change the border of an element to XYZ 19.2176, 21.2426, 35.4351 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(97, 131, 158) }
```


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

```
.border{ border-color:rgb(97, 131, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 131, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 131, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 131, 158);  
box-shadow:4px 4px 4px 4px rgb(97, 131,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2176, 21.2426, 35.4351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 131, 158) }
```

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

```
.background{ background-color: rgb(97, 131,  
158) }
```

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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