

Converting Colors

XYZ(19.1979, 21.2235, 35.9232)

Have a look what the booklet for
XYZ(19.1979, 21.2235, 35.9232)
contains.

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Color

**XYZ(19.1982, 21.2226,
35.8854)**

Conversions

Conversions Part 1

Format	Color
Hex	60839F
RGB	96, 131, 159
RGB Percent	38%, 51%, 62%
CMY	0.6235, 0.4863, 0.3765
CMYK	0.40, 0.18, 0.00, 0.38
HSL	207°, 25%, 50%
HSV	207°, 40%, 62%
XYZ	19.1982, 21.2226, 35.8854
YIQ	123.7270, -29.8480, 1.2880

Conversions

Conversions Part 2

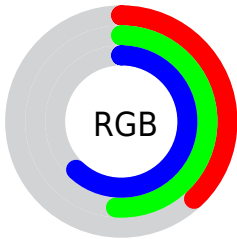
Format	Color
R_{YB}	96, 119, 159
Decimal	6325151
CIE _{Lab}	53.19, -4.88, -18.85
CIE _{LCh}	53, 19.473, 255.499
Yxy	21.2226, 0.2516, 0.2781
Android (android.graphics.Color)	4284515231 (0xFF60839F)
YUV	123.7270, 17.3896, -24.3166
Hunter-Lab	46.0680, -6.2316, -13.9373

Details

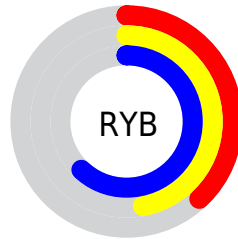
The XYZ color **19.1982, 21.2226, 35.8854** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **23.6175, 22.6313, 14.1906**, and the grayscale version is **19.0191, 20.0096, 21.7904**.

A 20% lighter version of the original color is **41.6725, 45.5256, 70.2093**, and **6.7533, 7.6540, 15.0314** is the 20% darker color. If you saturate the color by 10%, you get **16.7746, 18.6124, 35.5097**, and if you desaturate by 10%, it is **22.0262, 24.1384, 36.2995**.

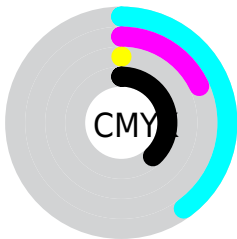
Distribution



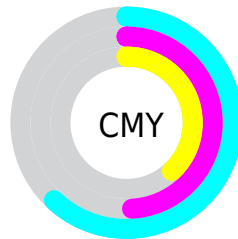
- Red (38%)
- Green (51%)
- Blue (62%)



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



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1982, 21.2226, 35.8854 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 19.1982, 21.2226, 35.8854 by changing the saturation by 10% instead.

■ 19.1982, 21.2226,
35.8854

■ 19.1982, 21.2226,
35.8854

240.4579,
258.4591, 343.4816

■ 11.9184, 13.2868,
24.0567

■ 41.5830, 45.4577,
70.0222

■ 6.7600, 7.6263,
15.1631

■ 57.4188, 62.5258,
93.1674

■ 3.3574, 3.8568,
8.7860

■ 76.8373, 83.4068,
120.9218

■ 1.3455, 1.5938,
4.5070

■ 100.2039,
108.4851, 153.7040

■ 0.2169, 0.3534,
1.9074

127.8838,
138.1451, 191.9326

■ 0.0000, 0.0000,
0.4974

160.2426,

■ 0.0000, 0.0000,

172.7712, 236.0260

0.0000

197.6455,
212.7477, 286.4028

■ 19.1982, 21.2226,
35.8854

■ 19.1982, 21.2226,
35.8854

■ 16.7746, 18.6124,
35.5097

■ 22.0262, 24.1384,
36.2995

■ 14.7317, 16.2921,
35.1695

■ 25.2767, 27.3694,
36.7519

■ 13.0460, 14.2483,
34.8639

■ 28.9690, 30.9280,
37.2441

■ 11.6904, 12.4649,
34.5911

■ 33.1205, 34.8248,
37.7775

■ 10.6332, 10.9234,
34.3493

■ 37.7477, 39.0700,
38.3530

■ 9.8050, 9.5860,
34.1348

■ 42.8663, 43.6735,
38.9718

■ 9.7754, 9.5378,
34.1270

■ 48.4911, 48.6443,
39.6348

■ 54.6363, 53.9916,
40.3430

■ 61.3157, 59.7239,
41.0974

Harmonies

Analogous

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



17.5269, 21.2226, 32.1546



19.1982, 21.2226, 35.8854



21.2458, 21.2226, 35.8170

Triad

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



19.1982, 21.2226, 35.8854



24.2234, 21.2226, 20.2140



17.4826, 21.2226, 16.0493

Complementary

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



19.1982, 21.2226, 35.8854



23.6175, 22.6313, 14.1906

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.



19.1339, 21.2226, 13.8289



19.1982, 21.2226, 35.8854



23.0695, 21.2226, 15.9402

Square

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



19.1982, 21.2226, 35.8854



24.2436, 21.2226, 26.0586



21.1770, 21.2226, 13.7927



16.5829, 21.2226, 20.3887

Rectangle

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



19.1982, 21.2226, 35.8854



22.5539, 21.2226, 33.5986



21.1770, 21.2226, 13.7927



17.9630, 21.2226, 15.0655

Sweetspot

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



19.1989, 21.2234, 35.8859



50.0783, 53.6694, 66.4633



20.8166, 28.7212, 23.2848



11.1066, 11.9237, 14.9598



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.



19.1989, 21.2234, 35.8859



30.3261, 33.6465, 63.6395



15.6589, 14.1435, 34.7059



6.5749, 7.0156, 8.4143



7.7630, 7.6175, 26.9684



0.1806, 0.2199, 0.4961

Inverse Universe

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



22.5783, 17.3761, 23.6375



37.4717, 26.4269, 37.5357



28.0979, 31.5921, 15.6840



6.7795, 6.7047, 7.6902



12.7166, 6.3912, 8.0245



0.2485, 0.1227, 0.2547

Previews

White Background



This preview shows how the XYZ color 19.1982, 21.2226, 35.8854 looks on a white background.

Color Contrast Check

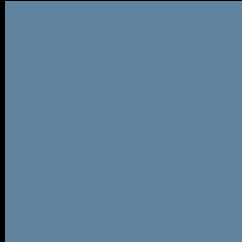
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1982, 21.2226, 35.8854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

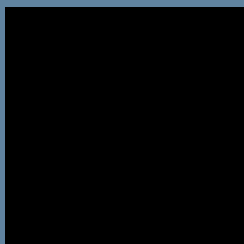
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

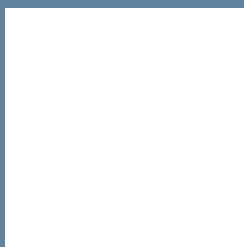
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1982, 21.2226, 35.8854

Background



This preview shows how black text looks on a background with the XYZ color 19.1982, 21.2226, 35.8854.



This preview shows how white text looks on a background with the XYZ color 19.1982, 21.2226,

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

19.1982, 21.2226, 35.8854

Protanopia

20.9957, 21.0269, 33.9623

Deuteranopia

21.4380, 21.0183, 36.1847



Tritanopia

17.9728, 21.3391, 29.5572

Trichromacy



Original Color

19.1982, 21.2226, 35.8854

Protanomaly

20.1457, 20.9586, 34.4361

Deuteranomaly

20.6166, 21.1616, 36.2557

Tritanomaly

18.3265, 21.2721, 31.5738

Monochromacy



Original Color

19.1982, 21.2226, 35.8854

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.0442, 20.5623, 26.6321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1982, 21.2226, 35.8854 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(96, 131, 159) looks like.

```
.text, #text, p{  
    color:rgb(96, 131, 159)  
}
```

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(96, 131, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 131, 159) }
```

Border

The CSS property to change the border of an element to XYZ 19.1982, 21.2226, 35.8854 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(96, 131, 159) }
```


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

```
.border{ border-color:rgb(96, 131, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 131, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 131, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 131, 159);  
box-shadow:4px 4px 4px 4px rgb(96, 131,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1982, 21.2226, 35.8854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 131, 159) }
```

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

```
.background{ background-color: rgb(96, 131,  
159) }
```

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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