

Converting Colors

XYZ(19.1317, 21.1256, 36.0692)

Have a look what the booklet for
XYZ(19.1317, 21.1256, 36.0692)
contains.

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Color

**XYZ(19.0936, 21.1687,
35.8805)**

Conversions

Conversions Part 1

Format	Color
Hex	5F839F
RGB	95, 131, 159
RGB Percent	37%, 51%, 62%
CMY	0.6274, 0.4863, 0.3765
CMYK	0.40, 0.18, 0.00, 0.38
HSL	206°, 25%, 50%
HSV	206°, 40%, 62%
XYZ	19.0936, 21.1687, 35.8805
YIQ	123.4280, -30.4440, 1.0760

Conversions

Conversions Part 2

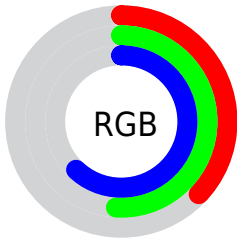
Format	Color
R_{YB}	95, 118, 159
Decimal	6259615
CIE _{Lab}	53.13, -5.16, -18.95
CIE _{LCh}	53, 19.637, 254.774
Yxy	21.1687, 0.2508, 0.2780
Android (android.graphics.Color)	4284449695 (0xFF5F839F)
YUV	123.4280, 17.5370, -24.9314
Hunter-Lab	46.0095, -6.4403, -14.0307

Details

The XYZ color **19.0936, 21.1687, 35.8805** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **23.4470, 22.3634, 13.9079**, and the grayscale version is **18.9197, 19.9050, 21.6765**.

A 20% lighter version of the original color is **41.4908, 45.4319, 70.2008**, and **6.7098, 7.6316, 15.0293** is the 20% darker color. If you saturate the color by 10%, you get **16.7045, 18.5968, 35.5104**, and if you desaturate by 10%, it is **21.8839, 24.0415, 36.2883**.

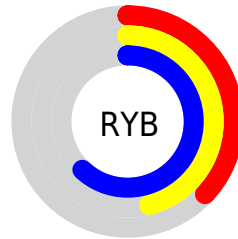
Distribution



Red (37%)

Green (51%)

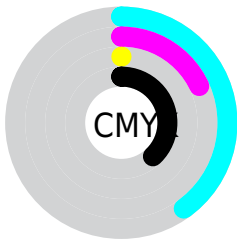
Blue (62%)



Red (37%)

Yellow (46%)

Blue (62%)

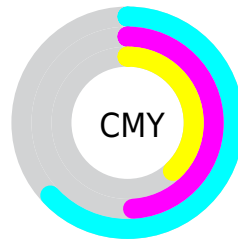


Cyan (40%)

Magenta (18%)

Yellow (0%)

Black (38%)



Cyan (63%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0936, 21.1687, 35.8805 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 19.0936, 21.1687, 35.8805 by changing the saturation by 10% instead.

■ 19.0936, 21.1687,
35.8805

■ 19.0936, 21.1687,
35.8805

239.8932,
258.1737, 343.4595

■ 11.8423, 13.2474,
24.0530

■ 41.4079, 45.3681,
70.0145

■ 6.7078, 7.5991,
15.1603

■ 57.2016, 62.4150,
93.1581

■ 3.3248, 3.8395,
8.7841

■ 76.5734, 83.2726,
120.9108

■ 1.3277, 1.5842,
4.5058

■ 99.8889, 108.3251,
153.6911

■ 0.2038, 0.3469,
1.9067

127.5132,
137.9571, 191.9176

■ 0.0000, 0.0000,
0.4970

159.8118,

■ 0.0000, 0.0000,

172.5530, 236.0088

0.0000

197.1500,
212.4970, 286.3833

■ 19.0936, 21.1687,
35.8805

■ 19.0936, 21.1687,
35.8805

■ 16.7045, 18.5968,
35.5104

■ 21.8839, 24.0415,
36.2883

■ 14.6927, 16.3103,
35.1751

■ 25.0935, 27.2248,
36.7336

■ 13.0348, 14.2956,
34.8736

■ 28.7416, 30.7309,
37.2181

■ 11.7033, 12.5368,
34.6043

■ 32.8459, 34.5703,
37.7428

■ 10.6665, 11.0154,
34.3652

■ 37.4227, 38.7533,
38.3090

■ 9.8672, 9.7215,
34.1576

■ 42.4876, 43.2894,
38.9176

■ 48.0556, 48.1879,
39.5696

■ 54.1409, 53.4577,
40.2661

■ 60.7571, 59.1071,
41.0078

Harmonies

Analogous

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



17.4266, 21.1687, 32.0392



19.0936, 21.1687, 35.8805



21.1517, 21.1687, 35.9117

Triad

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



19.0936, 21.1687, 35.8805



24.2165, 21.1687, 20.2645



17.4468, 21.1687, 15.8713

Complementary

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



19.0936, 21.1687, 35.8805



23.4470, 22.3634, 13.9079

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.



19.1228, 21.1687, 13.6957



19.0936, 21.1687, 35.8805



23.0780, 21.1687, 15.9209

Square

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



19.0936, 21.1687, 35.8805



24.2074, 21.1687, 26.1720



21.1830, 21.1687, 13.7122



16.5211, 21.1687, 20.1851

Rectangle

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



19.0936, 21.1687, 35.8805



22.4751, 21.1687, 33.7294



21.1830, 21.1687, 13.7122



17.9358, 21.1687, 14.9012

Sweetspot

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



19.0943, 21.1695, 35.8810



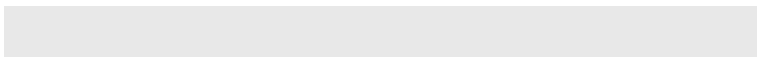
50.1170, 53.7469, 66.4762



20.6764, 28.6530, 23.0929



11.1161, 11.9428, 14.9630



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.



19.0943, 21.1695, 35.8810



30.4483, 33.8909, 63.6803



15.4650, 13.9110, 34.6712



6.5787, 7.0231, 8.4155



7.8354, 7.7624, 26.9926



0.1818, 0.2222, 0.4965

Inverse Universe

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



22.4876, 17.1946, 23.6073



37.5333, 26.4516, 37.8604



28.0411, 31.5516, 15.4392



6.7814, 6.7055, 7.7002



12.7532, 6.4058, 8.2172



0.2491, 0.1230, 0.2577

Previews

White Background



This preview shows how the XYZ color 19.0936, 21.1687, 35.8805 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 19.0936, 21.1687, 35.8805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

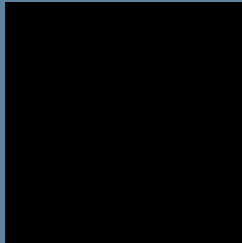
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

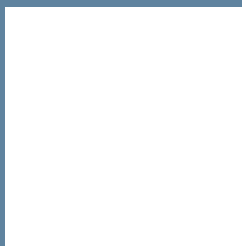
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0936, 21.1687, 35.8805

Background



This preview shows how black text looks on a background with the XYZ color 19.0936, 21.1687, 35.8805.



This preview shows how white text looks on a background with the XYZ color 19.0936, 21.1687,

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

19.0936, 21.1687, 35.8805

Protanopia

20.9957, 21.0269, 33.9623

Deuteranopia

21.4380, 21.0183, 36.1847



Tritanopia

17.8735, 21.2880, 29.5525

Trichromacy



Original Color

19.0936, 21.1687, 35.8805

Protanomaly

20.1457, 20.9586, 34.4361

Deuteranomaly

20.6166, 21.1616, 36.2557

Tritanomaly

18.2260, 21.2203, 31.5691

Monochromacy



Original Color

19.0936, 21.1687, 35.8805

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.7148, 20.2100, 26.2071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0936, 21.1687, 35.8805 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(95, 131, 159) looks like.

```
.text, #text, p{  
    color:rgb(95, 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(95, 131, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 131, 159) }
```

Border

The CSS property to change the border of an element to XYZ 19.0936, 21.1687, 35.8805 is called "border". The border property can be set on classes, ids or directly on the HTML element.

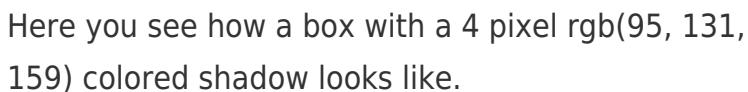
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 131, 159) }
```


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

```
.border{ border-color:rgb(95, 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(95, 131, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 131, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 131, 159);  
box-shadow:4px 4px 4px 4px rgb(95, 131,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0936, 21.1687, 35.8805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 131, 159) }
```

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

```
.background{ background-color: rgb(95, 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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