

Converting Colors

XYZ(18.3549, 20.2378, 33.9492)

Have a look what the booklet for
XYZ(18.3549, 20.2378, 33.9492)
contains.

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Color

**XYZ(18.3549, 20.2378,
33.9492)**

Conversions

Conversions Part 1

Format	Color
Hex	5F809B
RGB	95, 128, 155
RGB Percent	37%, 50%, 61%
CMY	0.6274, 0.4980, 0.3922
CMYK	0.39, 0.17, 0.00, 0.39
HSL	207°, 24%, 49%
HSV	207°, 39%, 61%
XYZ	18.3549, 20.2378, 33.9492
YIQ	121.2110, -28.3350, 1.4010

Conversions

Conversions Part 2

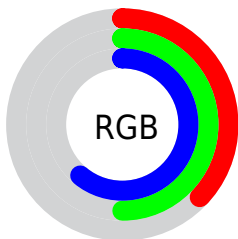
Format	Color
R _Y B	95, 116, 155
Decimal	6258843
CIE Lab	52.11, -4.55, -18.20
CIE LCh	52, 18.756, 255.963
Yxy	20.2378, 0.2530, 0.2790
Android (android.graphics.Color)	4284448923 (0xFF5F809B)
YUV	121.2110, 16.6580, -22.9870
Hunter-Lab	44.9864, -5.8966, -13.2529

Details

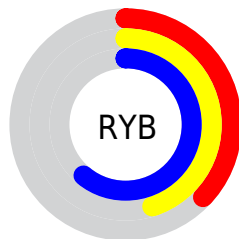
The XYZ color **18.3549, 20.2378, 33.9492** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **22.5431, 21.7143, 13.8303**, and the grayscale version is **18.1971, 19.1448, 20.8486**.

A 20% lighter version of the original color is **40.3695, 43.9968, 67.3373**, and **6.3334, 7.1269, 14.1385** is the 20% darker color. If you saturate the color by 10%, you get **16.0236, 17.7319, 33.5887**, and if you desaturate by 10%, it is **21.0704, 23.0355, 34.3464**.

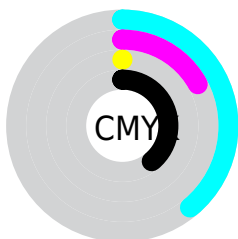
Distribution



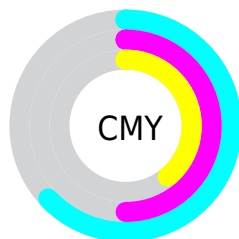
- Red (37%)
- Green (50%)
- Blue (61%)



- Red (37%)
- Yellow (45%)
- Blue (61%)



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



- Cyan (63%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3549, 20.2378, 33.9492 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 18.3549, 20.2378, 33.9492 by changing the saturation by 10% instead.

■ 18.3549, 20.2378,
33.9492

■ 18.3549, 20.2378,
33.9492

235.8710,
253.1996, 334.6677

■ 11.3063, 12.5680,
22.5775

■ 40.1665, 43.8155,
66.9877

■ 6.3421, 7.1318,
14.0795

■ 55.6602, 60.4922,
89.4915

■ 3.0968, 3.5446,
8.0366

■ 74.6997, 80.9401,
116.5432

■ 1.2052, 1.4223,
4.0303

■ 97.6503, 105.5434,
148.5612

■ 0.1104, 0.2330,
1.6420

124.8774,
134.6866, 185.9642

■ 0.0000, 0.0000,
0.3205

156.7463,

■ 0.0000, 0.0000,

168.7541, 229.1705

0.0000

193.6224,
208.1303, 278.5989

■ 18.3549, 20.2378,
33.9492

■ 18.3549, 20.2378,
33.9492

■ 16.0236, 17.7319,
33.5887

■ 21.0704, 23.0355,
34.3464

■ 14.0542, 15.5032,
33.2623

■ 24.1870, 26.1342,
34.7803

■ 12.4250, 13.5388,
32.9691

■ 27.7226, 29.5453,
35.2524

■ 11.1108, 11.8240,
32.7073

■ 31.6937, 33.2790,
35.7637

■ 10.0823, 10.3416,
32.4754

■ 36.1157, 37.3449,
36.3155

■ 9.2815, 9.0595,
32.2702

■ 41.0032, 41.7522,
36.9086

■ 9.1848, 8.9033,
32.2451

■ 46.3703, 46.5097,
37.5440

■ 52.2302, 51.6257,
38.2226

■ 58.5958, 57.1085,
38.9454

Harmonies

Analogous

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



16.7846, 20.2378, 30.5317



18.3549, 20.2378, 33.9492



20.2673, 20.2378, 33.8268

Triad

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



18.3549, 20.2378, 33.9492



23.0026, 20.2378, 19.2572



16.7047, 20.2378, 15.4802

Complementary

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



18.3549, 20.2378, 33.9492



22.5431, 21.7143, 13.8303

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.



18.2391, 20.2378, 13.3625



18.3549, 20.2378, 33.9492



21.9139, 20.2378, 15.2827

Square

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



18.3549, 20.2378, 33.9492



23.0387, 20.2378, 24.6973



20.1437, 20.2378, 13.2968



15.8756, 20.2378, 19.5722

Rectangle

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



18.3549, 20.2378, 33.9492



21.4830, 20.2378, 31.7350



20.1437, 20.2378, 13.2968



17.1504, 20.2378, 14.5461

Sweetspot

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



18.3555, 20.2386, 33.9497



47.3276, 50.6930, 62.8266



19.8924, 27.2565, 22.3024



10.5404, 11.3086, 14.1976



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.3555, 20.2386, 33.9497



29.4033, 32.5310, 60.2657



15.0982, 13.7238, 32.8639



6.1519, 6.5612, 7.8712



7.4157, 7.2280, 25.9120



0.1472, 0.1806, 0.3995

Inverse Universe

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



21.5066, 16.7122, 22.5151



35.9774, 25.9004, 36.2466



26.6502, 29.9284, 15.1993



6.3438, 6.2767, 7.1905



12.2019, 6.1350, 7.5880



0.2007, 0.0990, 0.2099

Previews

White Background



This preview shows how the XYZ color 18.3549, 20.2378, 33.9492 looks on a white background.

Color Contrast Check

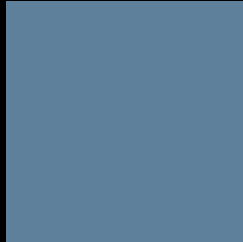
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3549, 20.2378, 33.9492 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

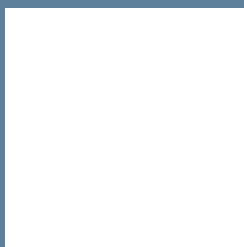
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3549, 20.2378, 33.9492

Background



This preview shows how black text looks on a background with the XYZ color 18.3549, 20.2378, 33.9492.

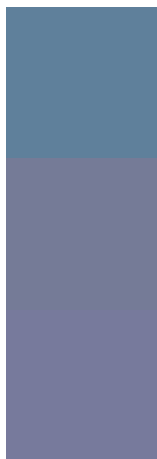


This preview shows how white text looks on a background with the XYZ color 18.3549, 20.2378,

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

18.3549, 20.2378, 33.9492

Protanopia

20.0050, 20.1822, 32.1193

Deuteranopia

20.5680, 20.2413, 34.2754



Tritanopia

17.1047, 20.1125, 28.1799

Trichromacy



Original Color

18.3549, 20.2378, 33.9492

Protanomaly

19.3078, 20.1854, 32.5843

Deuteranomaly

19.6388, 20.1306, 34.3030

Tritanomaly

17.4522, 20.0511, 30.1446

Monochromacy



Original Color

18.3549, 20.2378, 33.9492

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.1234, 19.5535, 25.0093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3549, 20.2378, 33.9492 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, 128, 155) looks like.

```
.text, #text, p{  
    color:rgb(95, 128, 155)  
}
```

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, 128, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 128, 155) }
```

Border

The CSS property to change the border of an element to XYZ 18.3549, 20.2378, 33.9492 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, 128, 155) }
```


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

```
.border{ border-color:rgb(95, 128, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 128, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 128, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 128, 155);  
box-shadow:4px 4px 4px 4px rgb(95, 128,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3549, 20.2378, 33.9492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 128, 155) }
```

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

```
.background{ background-color: rgb(95, 128,  
155) }
```

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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