

Converting Colors

XYZ(18.5999, 20.9603, 33.0814)

Have a look what the booklet for
XYZ(18.5999, 20.9603, 33.0814)
contains.

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Color

**XYZ(18.5854, 20.9654,
33.2042)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8399
RGB	95, 131, 153
RGB Percent	37%, 51%, 60%
CMY	0.6274, 0.4863, 0.4000
CMYK	0.38, 0.14, 0.00, 0.40
HSL	203°, 23%, 49%
HSV	203°, 38%, 60%
XYZ	18.5854, 20.9654, 33.2042
YIQ	122.7440, -28.5180, -0.7900

Conversions

Conversions Part 2

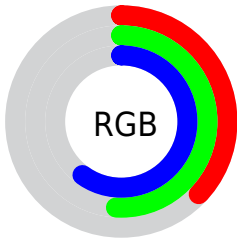
Format	Color
R_{YB}	95, 117, 153
Decimal	6259609
CIE _{Lab}	52.91, -6.82, -15.81
CIE _{LCh}	53, 17.215, 246.657
Yxy	20.9654, 0.2555, 0.2882
Android (android.graphics.Color)	4284449689 (0xFF5F8399)
YUV	122.7440, 14.9162, -24.3315
Hunter-Lab	45.7880, -7.6756, -10.9439

Details

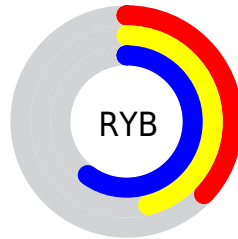
The XYZ color **18.5854, 20.9654, 33.2042** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5642, 20.3215, 13.6130**, and the grayscale version is **18.7022, 19.6762, 21.4273**.

A 20% lighter version of the original color is **40.4356, 44.9890, 65.5840**, and **6.4978, 7.5518, 13.6855** is the 20% darker color. If you saturate the color by 10%, you get **16.3919, 18.7102, 32.8849**, and if you desaturate by 10%, it is **21.1361, 23.4705, 33.5537**.

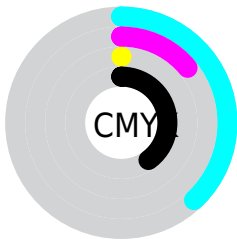
Distribution



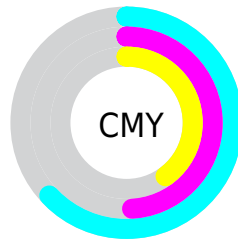
- Red (37%)
- Green (51%)
- Blue (60%)



- Red (37%)
- Yellow (46%)
- Blue (60%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (40%)



- Cyan (63%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5854, 20.9654, 33.2042 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 18.5854, 20.9654, 33.2042 by changing the saturation by 10% instead.

■ 18.5854, 20.9654,
33.2042

■ 18.5854, 20.9654,
33.2042

237.1326,
257.0946, 331.2291

■ 11.4733, 13.0987,
22.0105

■ 40.5547, 45.0299,
65.8139

■ 6.4558, 7.4966,
13.6662

■ 56.1425, 61.9966,
88.0670

■ 3.1674, 3.7745,
7.7528

■ 75.2864, 82.7653,
114.8436

■ 1.2429, 1.5483,
3.8517

■ 98.3515, 107.7206,
146.5624

■ 0.1398, 0.3223,
1.5443

125.7034,
137.2468, 183.6417

■ 0.0000, 0.0000,
0.2506

157.7073,

■ 0.0000, 0.0000,

171.7282, 226.5003

0.0000

194.7285,
211.5493, 275.5565

■ 18.5854, 20.9654,
33.2042

■ 18.5854, 20.9654,
33.2042

■ 16.3919, 18.7102,
32.8849

■ 21.1361, 23.4705,
33.5537

■ 14.5345, 16.6915,
32.5931

■ 24.0594, 26.2331,
33.9328

■ 12.9929, 14.8984,
32.3283

■ 27.3725, 29.2635,
34.3431

■ 11.7434, 13.3174,
32.0890

■ 31.0907, 32.5705,
34.7855

■ 10.7588, 11.9334,
31.8737

■ 35.2283, 36.1626,
35.2607

■ 9.9895, 10.7197,
31.6800

■ 39.7992, 40.0477,
35.7697

■ 9.8392, 10.4786,
31.6414

■ 44.8163, 44.2336,
36.3133

■ 50.2921, 48.7274,
36.8920

■ 56.2388, 53.5364,
37.5069

Harmonies

Analogous

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



17.2747, 20.9654, 29.2792



18.5854, 20.9654, 33.2042



20.3313, 20.9654, 34.1702

Triad

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



18.5854, 20.9654, 33.2042



23.5703, 20.9654, 21.6967



17.9292, 20.9654, 15.7568

Complementary

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



18.5854, 20.9654, 33.2042



21.5642, 20.3215, 13.6130

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.



19.5280, 20.9654, 14.3222



18.5854, 20.9654, 33.2042



22.8378, 20.9654, 17.4013

Square

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



18.5854, 20.9654, 33.2042



23.2804, 20.9654, 26.9896



21.3316, 20.9654, 14.8754



16.9121, 20.9654, 19.1174

Rectangle

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



18.5854, 20.9654, 33.2042



21.5222, 20.9654, 32.8938



21.3316, 20.9654, 14.8754



18.4126, 20.9654, 15.0584

Sweetspot

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



18.5861, 20.9662, 33.2047



46.9774, 50.5564, 61.2544



19.2790, 26.4830, 20.7007



10.2111, 11.0157, 13.5055



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.5861, 20.9662, 33.2047



30.0989, 34.2878, 59.0038



15.2935, 14.3810, 32.1072



6.1876, 6.6326, 7.8831



8.1646, 8.7259, 26.1616



0.1569, 0.2002, 0.4027

Inverse Universe

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



21.3264, 16.5961, 23.5529



35.8246, 25.8650, 38.6782



25.3691, 27.9314, 14.8813



6.3618, 6.2839, 7.2855



12.5799, 6.2862, 9.5786



0.2057, 0.1010, 0.2359

Previews

White Background



This preview shows how the XYZ color 18.5854, 20.9654, 33.2042 looks on a white background.

Color Contrast Check

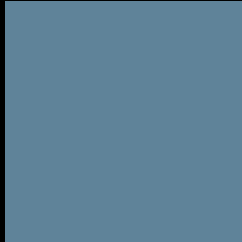
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5854, 20.9654, 33.2042 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

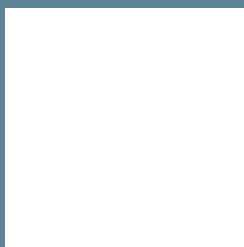
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5854, 20.9654, 33.2042

Background



This preview shows how black text looks on a background with the XYZ color 18.5854, 20.9654, 33.2042.



This preview shows how white text looks on a background with the XYZ color 18.5854, 20.9654,

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

18.5854, 20.9654, 33.2042

Protanopia

20.6436, 20.9021, 31.3802

Deuteranopia

21.3115, 20.8176, 33.9053



Tritanopia

17.8597, 21.0854, 29.1152

Trichromacy



Original Color

18.5854, 20.9654, 33.2042

Protanomaly

19.7765, 20.8255, 31.8316

Deuteranomaly

20.1036, 20.7655, 33.5204

Tritanomaly

18.1338, 20.9888, 30.6993

Monochromacy



Original Color

18.5854, 20.9654, 33.2042

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.5740, 20.1536, 25.4653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5854, 20.9654, 33.2042 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(95, 131, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 131, 153) }
```

Border

The CSS property to change the border of an element to XYZ 18.5854, 20.9654, 33.2042 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, 153) }
```


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

```
.border{ border-color:rgb(95, 131, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 131, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 131, 153);  
box-shadow:4px 4px 4px 4px rgb(95, 131,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5854, 20.9654, 33.2042 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, 153) }
```

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

```
.background{ background-color: rgb(95, 131,  
153) }
```

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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