

Converting Colors

XYZ(18.4686, 21.2103, 33.2599)

Have a look what the booklet for
XYZ(18.4686, 21.2103, 33.2599)
contains.

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Color

**XYZ(18.5509, 21.3503,
33.2803)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8599
RGB	92, 133, 153
RGB Percent	36%, 52%, 60%
CMY	0.6392, 0.4784, 0.4000
CMYK	0.40, 0.13, 0.00, 0.40
HSL	200°, 25%, 48%
HSV	200°, 40%, 60%
XYZ	18.5509, 21.3503, 33.2803
YIQ	123.0210, -30.8560, -2.4720

Conversions

Conversions Part 2

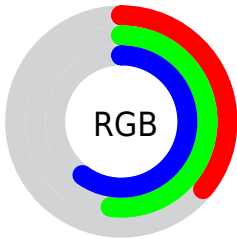
Format	Color
R_{YB}	92, 117, 153
Decimal	6063513
CIE _{Lab}	53.33, -8.81, -15.19
CIE _{LCh}	53, 17.556, 239.887
Yxy	21.3503, 0.2535, 0.2917
Android (android.graphics.Color)	4284253593 (0xFF5C8599)
YUV	123.0210, 14.7796, -27.2054
Hunter-Lab	46.2064, -9.1971, -10.3593

Details

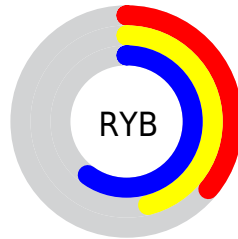
The XYZ color **18.5509, 21.3503, 33.2803** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.8631, 19.1336, 12.7192**, and the grayscale version is **18.7943, 19.7730, 21.5328**.

A 20% lighter version of the original color is **40.4984, 45.6425, 65.7069**, and **6.4060, 7.6172, 13.7030** is the 20% darker color. If you saturate the color by 10%, you get **16.5038, 19.3002, 32.9929**, and if you desaturate by 10%, it is **20.9408, 23.6268, 33.5941**.

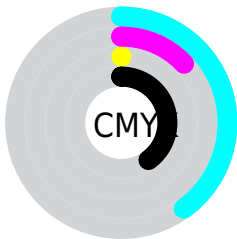
Distribution



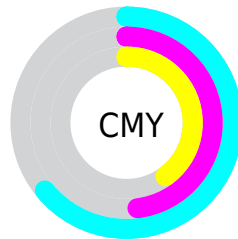
- Red (36%)
- Green (52%)
- Blue (60%)



- Red (36%)
- Yellow (46%)
- Blue (60%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5509, 21.3503, 33.2803 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 18.5509, 21.3503, 33.2803 by changing the saturation by 10% instead.

■ 18.5509, 21.3503,
33.2803

■ 18.5509, 21.3503,
33.2803

236.9441,
259.1343, 331.5816

■ 11.4483, 13.3803,
22.0684

■ 40.4966, 45.6698,
65.9339

■ 6.4387, 7.6909,
13.7084

■ 56.0704, 62.7881,
88.2128

■ 3.1568, 3.8978,
7.7817

■ 75.1987, 83.7246,
115.0176

■ 1.2372, 1.6166,
3.8698

■ 98.2467, 108.8638,
146.7671

■ 0.1355, 0.3687,
1.5542

125.5800,
138.5899, 183.8796

■ 0.0000, 0.0000,
0.2578

157.5637,

■ 0.0000, 0.0000,

173.2874, 226.7739

0.0000

194.5633,
213.3408, 275.8683

■ 18.5509, 21.3503,
33.2803

■ 18.5509, 21.3503,
33.2803

■ 16.5038, 19.3002,
32.9929

■ 20.9408, 23.6268,
33.5941

■ 14.7784, 17.4634,
32.7293

■ 23.6891, 26.1370,
33.9338

■ 13.3542, 15.8293,
32.4889

■ 26.8128, 28.8907,
34.3007

■ 12.2072, 14.3847,
32.2705

■ 30.3272, 31.8964,
34.6956

■ 11.3095, 13.1145,
32.0727

■ 34.2465, 35.1621,
35.1194

■ 10.5933, 11.9831,
31.8920

■ 38.5846, 38.6955,
35.5728

■ 10.5842, 11.9686,
31.8897

■ 43.3542, 42.5040,
36.0565

■ 48.5679, 46.5943,
36.5712

■ 54.2374, 50.9733,
37.1176

Harmonies

Analogous

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



17.3473, 21.3503, 28.7332



18.5509, 21.3503, 33.2803



20.2858, 21.3503, 35.0672

Triad

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



18.5509, 21.3503, 33.2803



24.0834, 21.3503, 23.2670



18.5624, 21.3503, 15.4493

Complementary

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



18.5509, 21.3503, 33.2803



20.8631, 19.1336, 12.7192

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.



20.2999, 21.3503, 14.4350



18.5509, 21.3503, 33.2803



23.5542, 21.3503, 18.5075

Square

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



18.5509, 21.3503, 33.2803



23.5464, 21.3503, 28.7735



22.1405, 21.3503, 15.4647



17.3537, 21.3503, 18.4775

Rectangle

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



18.5509, 21.3503, 33.2803



21.5339, 21.3503, 34.2699



22.1405, 21.3503, 15.4647



19.1004, 21.3503, 14.8841

Sweetspot

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



18.5516, 21.3511, 33.2808



46.6307, 50.5308, 61.2677



18.6920, 26.2129, 19.2054



10.1499, 11.0293, 13.5114



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.



18.5516, 21.3511, 33.2808



29.8688, 34.8855, 59.1313



15.0324, 14.3127, 32.1077



6.2138, 6.6850, 7.8918



8.7788, 9.9542, 26.3664



0.1641, 0.2145, 0.4051

Inverse Universe

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



21.1982, 16.1206, 24.1856



35.4502, 24.7266, 39.7549



24.7148, 26.8370, 14.0031



6.3750, 6.2892, 7.3551



12.8899, 6.4102, 11.2111



0.2093, 0.1025, 0.2548

Previews

White Background



This preview shows how the XYZ color 18.5509, 21.3503, 33.2803 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 18.5509, 21.3503, 33.2803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

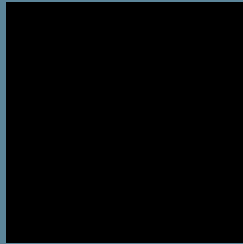
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.5509, 21.3503, 33.2803

Background



This preview shows how black text looks on a background with the XYZ color 18.5509, 21.3503, 33.2803.



This preview shows how white text looks on a background with the XYZ color 18.5509, 21.3503,

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

18.5509, 21.3503, 33.2803

Protanopia

20.9745, 21.2708, 31.0172

Deuteranopia

21.5815, 21.1418, 33.9537



Tritanopia

17.8524, 21.2682, 29.9523

Trichromacy



Original Color

18.5509, 21.3503, 33.2803

Protanomaly

20.0374, 21.3473, 31.9185

Deuteranomaly

20.2322, 21.0225, 33.5633

Tritanomaly

18.1848, 21.4125, 31.1916

Monochromacy



Original Color

18.5509, 21.3503, 33.2803

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.5745, 20.3447, 25.5022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5509, 21.3503, 33.2803 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(92, 133, 153) looks like.

```
.text, #text, p{  
    color:rgb(92, 133, 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(92, 133, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 133, 153) }
```

Border

The CSS property to change the border of an element to XYZ 18.5509, 21.3503, 33.2803 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(92, 133, 153) }
```


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

```
.border{ border-color:rgb(92, 133, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 133, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 133, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 133, 153);  
box-shadow:4px 4px 4px 4px rgb(92, 133,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5509, 21.3503, 33.2803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 133, 153) }
```

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

```
.background{ background-color: rgb(92, 133,  
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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