

Converting Colors

XYZ(18.2571, 21.1988, 33.2665)

Have a look what the booklet for
XYZ(18.2571, 21.1988, 33.2665)
contains.

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Color

**XYZ(18.2571, 21.1988,
33.2665)**

Conversions

Conversions Part 1

Format	Color
Hex	598599
RGB	89, 133, 153
RGB Percent	35%, 52%, 60%
CMY	0.6510, 0.4784, 0.4000
CMYK	0.42, 0.13, 0.00, 0.40
HSL	199°, 26%, 47%
HSV	199°, 42%, 60%
XYZ	18.2571, 21.1988, 33.2665
YIQ	122.1240, -32.6440, -3.1080

Conversions

Conversions Part 2

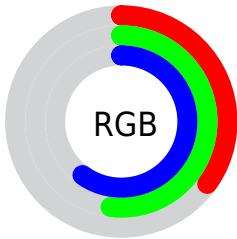
Format	Color
R _Y B	89, 115, 153
Decimal	5866905
CIE Lab	53.17, -9.64, -15.45
CIE LCh	53, 18.211, 238.044
Yxy	21.1988, 0.2511, 0.2915
Android (android.graphics.Color)	4284056985 (0xFF598599)
YUV	122.1240, 15.2219, -29.0497
Hunter-Lab	46.0422, -9.7931, -10.6089

Details

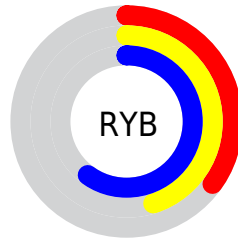
The XYZ color **18.2571, 21.1988, 33.2665** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.4091, 18.4312, 11.9337**, and the grayscale version is **18.4992, 19.4626, 21.1947**.

A 20% lighter version of the original color is **39.9767, 45.3736, 65.6825**, and **6.2545, 7.5391, 13.6959** is the 20% darker color. If you saturate the color by 10%, you get **16.2991, 19.2401, 32.9920**, and if you desaturate by 10%, it is **20.5514, 23.3760, 33.5662**.

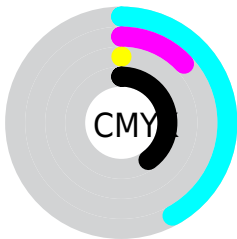
Distribution



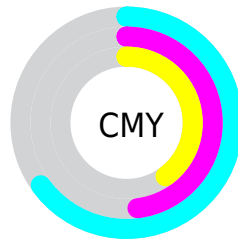
- Red (35%)
- Green (52%)
- Blue (60%)



- Red (35%)
- Yellow (45%)
- Blue (60%)



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)
- Black (40%)



- Cyan (65%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2571, 21.1988, 33.2665 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 18.2571, 21.1988, 33.2665 by changing the saturation by 10% instead.

■ 18.2571, 21.1988,
33.2665

■ 18.2571, 21.1988,
33.2665

235.3339,
258.3331, 331.5177

■ 11.2355, 13.2694,
22.0579

■ 40.0016, 45.4182,
65.9122

■ 6.2939, 7.6143,
13.7007

■ 55.4552, 62.4769,
88.1863

■ 3.0670, 3.8492,
7.7764

■ 74.4503, 83.3475,
114.9861

■ 1.1893, 1.5895,
3.8665

■ 97.3520, 108.4145,
146.7300

■ 0.0979, 0.3505,
1.5524

124.5259,
138.0621, 183.8365

■ 0.0000, 0.0000,
0.2565

156.3373,

■ 0.0000, 0.0000,

172.6748, 226.7243

0.0000

193.1515,
212.6370, 275.8118

■ 18.2571, 21.1988,
33.2665

■ 18.2571, 21.1988,
33.2665

■ 16.2991, 19.2401,
32.9920

■ 20.5514, 23.3760,
33.5662

■ 14.6560, 17.4870,
32.7402

■ 23.1978, 25.7791,
33.8906

■ 13.3067, 15.9284,
32.5105

■ 26.2134, 28.4178,
34.2409

■ 12.2269, 14.5512,
32.3016

■ 29.6137, 31.3008,
34.6182

■ 11.3876, 13.3398,
32.1120

■ 33.4131, 34.4360,
35.0231

■ 10.8208, 12.4419,
31.9686

■ 37.6253, 37.8310,
35.4564

■ 42.2634, 41.4931,
35.9188

■ 47.3398, 45.4291,
36.4110

■ 52.8665, 49.6458,
36.9336

Harmonies

Analogous

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



17.0626, 21.1988, 28.4189



18.2571, 21.1988, 33.2665



20.0231, 21.1988, 35.3452

Triad

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



18.2571, 21.1988, 33.2665



24.0688, 21.1988, 23.4447



18.4623, 21.1988, 14.9504

Complementary

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



18.2571, 21.1988, 33.2665



20.4091, 18.4312, 11.9337

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.



20.2751, 21.1988, 14.0445



18.2571, 21.1988, 33.2665



23.5864, 21.1988, 18.4587

Square

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



18.2571, 21.1988, 33.2665



23.4467, 21.1988, 29.1432



22.1669, 21.1988, 15.2222



17.1756, 21.1988, 17.9253

Rectangle

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



18.2571, 21.1988, 33.2665



21.3143, 21.1988, 34.6668



22.1669, 21.1988, 15.2222



19.0267, 21.1988, 14.4167

Sweetspot

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



18.2578, 21.1996, 33.2670



46.1319, 50.1912, 61.2284



18.2290, 25.9937, 18.3003



9.9340, 10.8637, 13.4908



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.



18.2578, 21.1996, 33.2670



29.4621, 34.7370, 59.1241



14.6019, 13.8878, 32.0484



6.2217, 6.7007, 7.8944



8.9737, 10.3442, 26.4314



0.1662, 0.2187, 0.4058

Inverse Universe

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



20.9434, 15.6111, 24.1006



35.0827, 23.9582, 39.7349



24.3478, 26.3087, 13.2466



6.3790, 6.2908, 7.3760



12.9883, 6.4496, 11.7293



0.2103, 0.1029, 0.2605

Previews

White Background



This preview shows how the XYZ color 18.2571, 21.1988, 33.2665 looks on a white background.

Color Contrast Check

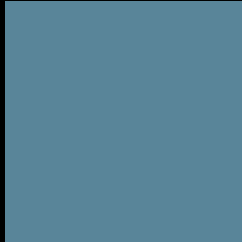
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2571, 21.1988, 33.2665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

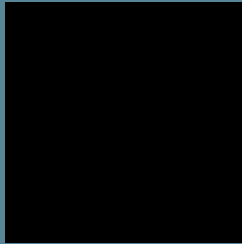
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

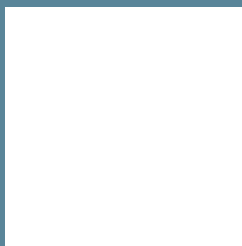
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2571, 21.1988, 33.2665

Background



This preview shows how black text looks on a background with the XYZ color 18.2571, 21.1988, 33.2665.



This preview shows how white text looks on a background with the XYZ color 18.2571, 21.1988,

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

18.2571, 21.1988, 33.2665

Protanopia

20.7050, 20.9429, 30.9681

Deuteranopia

21.4362, 21.0669, 33.9469



Tritanopia

17.5664, 21.1208, 29.9389

Trichromacy



Original Color

18.2571, 21.1988, 33.2665

Protanomaly

19.6546, 20.9553, 31.8630

Deuteranomaly

19.9777, 20.8913, 33.5513

Tritanomaly

17.8949, 21.2630, 31.1780

Monochromacy



Original Color

18.2571, 21.1988, 33.2665

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.1249, 19.9302, 25.0819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2571, 21.1988, 33.2665 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(89, 133, 153)` looks like.

```
.text, #text, p{  
    color:rgb(89, 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(89, 133, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 133, 153) }
```

Border

The CSS property to change the border of an element to XYZ 18.2571, 21.1988, 33.2665 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(89, 133, 153) }
```


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

```
.border{ border-color:rgb(89, 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(89, 133, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 133, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 133, 153);  
box-shadow:4px 4px 4px 4px rgb(89, 133,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2571, 21.1988, 33.2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 133, 153) }
```

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

```
.background{ background-color: rgb(89, 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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