

Converting Colors

XYZ(17.1963, 19.7622, 33.0786)

Have a look what the booklet for
XYZ(17.1963, 19.7622, 33.0786)
contains.

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Color

**XYZ(17.2562, 19.8852,
33.0657)**

Conversions

Conversions Part 1

Format	Color
Hex	548199
RGB	84, 129, 153
RGB Percent	33%, 51%, 60%
CMY	0.6706, 0.4941, 0.4000
CMYK	0.45, 0.16, 0.00, 0.40
HSL	201°, 29%, 46%
HSV	201°, 45%, 60%
XYZ	17.2562, 19.8852, 33.0657
YIQ	118.2810, -34.5240, -2.0760

Conversions

Conversions Part 2

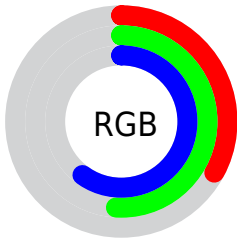
Format	Color
RYB	84, 111, 153
Decimal	5538201
CIELab	51.71, -8.72, -17.70
CIElCh	52, 19.727, 243.766
Yxy	19.8852, 0.2458, 0.2832
Android (android.graphics.Color)	4283728281 (0xFF548199)
YUV	118.2810, 17.1165, -30.0644
Hunter-Lab	44.5928, -8.9628, -12.7487

Details

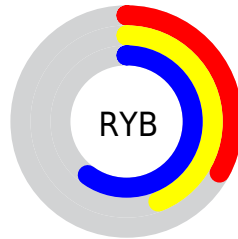
The XYZ color **17.2562, 19.8852, 33.0657** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.1002, 18.1382, 10.8299**, and the grayscale version is **17.2643, 18.1633, 19.7799**.

A 20% lighter version of the original color is **38.3070, 43.2793, 65.3662**, and **5.8320, 6.9879, 13.6118** is the 20% darker color. If you saturate the color by 10%, you get **15.3507, 17.8896, 32.7813**, and if you desaturate by 10%, it is **19.4986, 22.1095, 33.3772**.

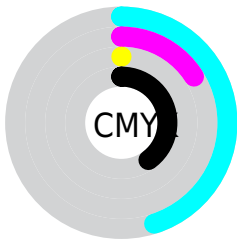
Distribution



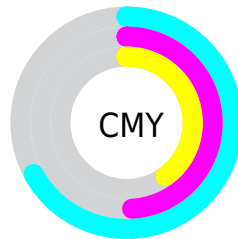
- Red (33%)
- Green (51%)
- Blue (60%)



- Red (33%)
- Yellow (44%)
- Blue (60%)



- Cyan (45%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2562, 19.8852, 33.0657 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 17.2562, 19.8852, 33.0657 by changing the saturation by 10% instead.

■ 17.2562, 19.8852,
33.0657

■ 17.2562, 19.8852,
33.0657

229.7721,
251.2930, 330.5868

■ 10.5138, 12.3116,
21.9053

■ 38.3059, 43.2246,
65.5953

■ 5.8058, 6.9563,
13.5896

■ 53.3438, 59.7593,
87.8015

■ 2.7669, 3.4348,
7.7003

■ 71.8776, 80.0497,
114.5267

■ 1.0317, 1.3627,
3.8188

■ 94.2726, 104.4804,
146.1895

■ 0.0000, 0.1890,
1.5265

■ 120.8942,
133.4356, 183.2083

■ 0.0000, 0.0000,
0.2375

152.1077,

■ 0.0000, 0.0000,

167.2999, 226.0018

0.0000

188.2786,
206.4575, 274.9884

■ 17.2562, 19.8852,
33.0657

■ 17.2562, 19.8852,
33.0657

■ 15.3507, 17.8896,
32.7813

■ 19.4986, 22.1095,
33.3772

■ 13.7601, 16.1093,
32.5215

■ 22.0944, 24.5707,
33.7154

■ 12.4622, 14.5324,
32.2855

■ 25.0614, 27.2789,
34.0818

■ 11.4313, 13.1449,
32.0721

■ 28.4154, 30.2432,
34.4772

■ 10.6339, 11.9286,
31.8793

■ 32.1712, 33.4720,
34.9025

■ 10.2863, 11.3728,
31.7904

■ 36.3431, 36.9733,
35.3584

■ 40.9444, 40.7547,
35.8458

■ 45.9877, 44.8235,
36.3653

■ 51.4855, 49.1867,
36.9177

Harmonies

Analogous

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



15.8898, 19.8852, 28.3436



17.2562, 19.8852, 33.0657



19.1532, 19.8852, 34.5554

Triad

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



17.2562, 19.8852, 33.0657



22.9885, 19.8852, 20.9385



16.8490, 19.8852, 13.7484

Complementary

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



17.2562, 19.8852, 33.0657



20.1002, 18.1382, 10.8299

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.



18.6496, 19.8852, 12.4417



17.2562, 19.8852, 33.0657



22.2689, 19.8852, 16.1057

Square

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



17.2562, 19.8852, 33.0657



22.5510, 19.8852, 26.8751



20.6456, 19.8852, 13.2226



15.6665, 19.8852, 17.1529

Rectangle

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



17.2562, 19.8852, 33.0657



20.4874, 19.8852, 33.3313



20.6456, 19.8852, 13.2226



17.3973, 19.8852, 13.0793

Sweetspot

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



17.2568, 19.8860, 33.0662



45.3473, 49.2704, 61.0921



17.7018, 25.7293, 17.9439



9.7654, 10.6568, 13.4598



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.



17.2568, 19.8860, 33.0662



27.5002, 32.0477, 58.7084



13.5440, 12.4603, 31.8286



6.2036, 6.6646, 7.8884



8.5333, 9.4632, 26.2845



0.1613, 0.2089, 0.4042

Inverse Universe

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



20.2702, 14.6986, 22.5383



33.7910, 22.2877, 36.4902



24.3364, 26.6104, 12.2419



6.3699, 6.2871, 7.3280



12.7660, 6.3606, 10.5585



0.2079, 0.1019, 0.2475

Previews

White Background



This preview shows how the XYZ color 17.2562, 19.8852, 33.0657 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 17.2562, 19.8852, 33.0657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

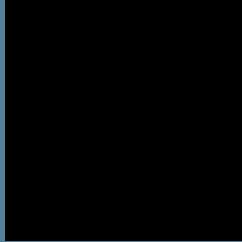
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2562, 19.8852, 33.0657

Background



This preview shows how black text looks on a background with the XYZ color 17.2562, 19.8852, 33.0657.



This preview shows how white text looks on a background with the XYZ color 17.2562, 19.8852,

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

17.2562, 19.8852, 33.0657

Protanopia

19.6409, 19.8391, 30.8111

Deuteranopia

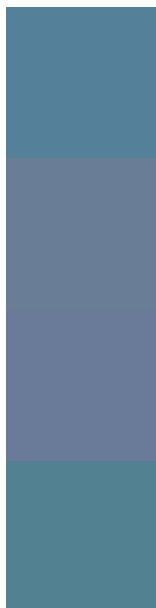
20.1041, 19.6511, 33.7438



Tritanopia

16.3921, 19.9349, 28.5751

Trichromacy



Original Color

17.2562, 19.8852, 33.0657

Protanomaly

18.6643, 19.8725, 31.7062

Deuteranomaly

18.8596, 19.5632, 33.3539

Tritanomaly

16.6506, 19.8344, 30.1450

Monochromacy



Original Color

17.2562, 19.8852, 33.0657

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0001, 18.6219, 24.1711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2562, 19.8852, 33.0657 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(84, 129, 153)` looks like.

```
.text, #text, p{  
    color:rgb(84, 129, 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(84, 129, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 129, 153) }
```

Border

The CSS property to change the border of an element to XYZ 17.2562, 19.8852, 33.0657 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(84, 129, 153) }
```


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

```
.border{ border-color:rgb(84, 129, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 129, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 129, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 129, 153);  
box-shadow:4px 4px 4px 4px rgb(84, 129,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2562, 19.8852, 33.0657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 129, 153) }
```

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

```
.background{ background-color: rgb(84, 129,  
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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