

Converting Colors

XYZ(19.7429, 25.1588, 33.9144)

Have a look what the booklet for
XYZ(19.7429, 25.1588, 33.9144)
contains.

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Color

**XYZ(19.8193, 25.2736,
33.9707)**

Conversions

Conversions Part 1

Format	Color
Hex	529499
RGB	82, 148, 153
RGB Percent	32%, 58%, 60%
CMY	0.6784, 0.4196, 0.4000
CMYK	0.46, 0.03, 0.00, 0.40
HSL	184°, 30%, 46%
HSV	184°, 46%, 60%
XYZ	19.8193, 25.2736, 33.9707
YIQ	128.8360, -40.9410, -12.4370

Conversions

Conversions Part 2

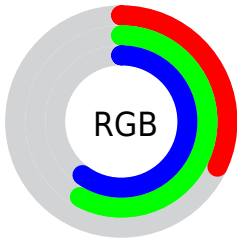
Format	Color
R _Y B	82, 116, 153
Decimal	5411993
CIE Lab	57.34, -19.63, -9.20
CIE LCh	57, 21.676, 205.107
Yxy	25.2736, 0.2507, 0.3197
Android (android.graphics.Color)	4283602073 (0xFF529499)
YUV	128.8360, 11.9129, -41.0752
Hunter-Lab	50.2729, -17.6066, -4.8728

Details

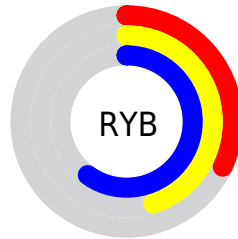
The XYZ color **19.8193, 25.2736, 33.9707** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.0683, 14.1981, 9.7712**, and the grayscale version is **20.7794, 21.8615, 23.8072**.

A 20% lighter version of the original color is **42.5364, 51.9803, 66.8228**, and **7.0497, 9.7029, 14.0717** is the 20% darker color. If you saturate the color by 10%, you get **18.4664, 24.3271, 33.8598**, and if you desaturate by 10%, it is **21.4720, 26.3782, 34.0972**.

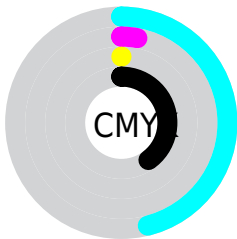
Distribution



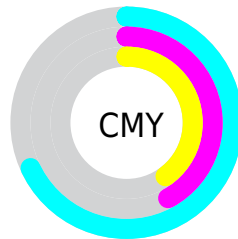
- Red (32%)
- Green (58%)
- Blue (60%)



- Red (32%)
- Yellow (45%)
- Blue (60%)



- Cyan (46%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (68%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8193, 25.2736, 33.9707 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 19.8193, 25.2736, 33.9707 by changing the saturation by 10% instead.

■ 19.8193, 25.2736,
33.9707

■ 19.8193, 25.2736,
33.9707

243.7874,
279.1978, 334.7666

■ 12.3713, 16.2810,
22.5939

■ 42.6203, 52.1007,
67.0215

■ 7.0710, 9.7232,
14.0915

■ 58.7039, 70.7041,
89.5325

■ 3.5533, 5.2158,
8.0448

■ 78.3968, 93.2798,
116.5921

■ 1.4527, 2.3745,
4.0355

■ 102.0643,
120.2123, 148.6188

■ 0.2933, 0.8127,
1.6448

■ 130.0718,
151.8859, 186.0310

■ 0.0000, 0.0000,
0.3225

162.7845,

■ 0.0000, 0.0000,

188.6851, 229.2473

0.0000

200.5680,
230.9943, 278.6863

■ 19.8193, 25.2736,
33.9707

■ 19.8193, 25.2736,
33.9707

■ 18.4664, 24.3271,
33.8598

■ 21.4720, 26.3782,
34.0972

■ 17.3910, 23.5254,
33.7617

■ 23.4403, 27.6472,
34.2384

■ 16.5715, 22.8579,
33.6760

■ 25.7416, 29.0902,
34.3957

■ 15.9820, 22.3113,
33.6016

■ 28.3915, 30.7153,
34.5697

■ 15.5838, 21.8657,
33.5366

■ 31.4044, 32.5299,
34.7612

■ 15.4571, 21.7145,
33.5141

■ 34.7941, 34.5411,
34.9707

■ 38.5735, 36.7556,
35.1989

■ 42.7550, 39.1797,
35.4465

■ 47.3504, 41.8197,
35.7138

Harmonies

Analogous

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



19.4271, 25.2736, 26.3290



19.8193, 25.2736, 33.9707



21.3045, 25.2736, 40.8349

Triad

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



19.8193, 25.2736, 33.9707



28.3071, 25.2736, 36.4341



24.4458, 25.2736, 15.6895

Complementary

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



19.8193, 25.2736, 33.9707



18.0683, 14.1981, 9.7712

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.



26.9609, 25.2736, 17.4666



19.8193, 25.2736, 33.9707



29.2893, 25.2736, 28.7436

Square

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



19.8193, 25.2736, 33.9707



26.1801, 25.2736, 42.4256



28.7800, 25.2736, 21.9401



21.9855, 25.2736, 16.5901

Rectangle

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



19.8193, 25.2736, 33.9707



22.7740, 25.2736, 43.5860



28.7800, 25.2736, 21.9401



25.3144, 25.2736, 15.9827

Sweetspot

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



19.8201, 25.2746, 33.9713



47.0561, 52.6880, 61.6617



16.5808, 25.2605, 12.9621



10.1929, 11.5119, 13.6023



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.



19.8201, 25.2746, 33.9713



32.9197, 43.4573, 60.6250



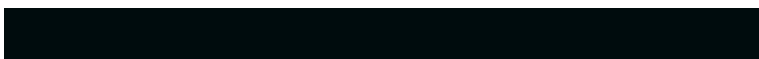
15.1090, 15.8525, 32.4009



6.3474, 6.9521, 7.9363



12.7849, 17.9665, 27.7017



0.2007, 0.2878, 0.4173

Inverse Universe

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



21.5000, 14.9455, 29.7698



36.3872, 22.7929, 51.8058



21.6485, 21.3584, 10.9646



6.4424, 6.3161, 7.7100



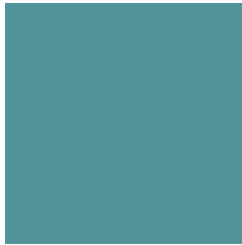
14.9120, 7.2190, 21.8594



0.2278, 0.1099, 0.3523

Previews

White Background



This preview shows how the XYZ color 19.8193, 25.2736, 33.9707 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 19.8193, 25.2736, 33.9707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

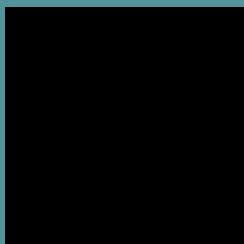
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.8193, 25.2736, 33.9707

Background



This preview shows how black text looks on a background with the XYZ color 19.8193, 25.2736, 33.9707.



This preview shows how white text looks on a background with the XYZ color 19.8193, 25.2736,

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

19.8193, 25.2736, 33.9707

Protanopia

24.3090, 25.0020, 30.7388

Deuteranopia

25.5104, 25.1132, 34.9553



Tritanopia

20.3479, 25.2555, 36.6032

Trichromacy



Original Color

19.8193, 25.2736, 33.9707

Protanomaly

22.1390, 24.7080, 32.0360

Deuteranomaly

22.8947, 24.8249, 34.5953

Tritanomaly

20.0868, 25.1408, 35.6923

Monochromacy



Original Color

19.8193, 25.2736, 33.9707

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.0737, 22.8880, 27.4046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8193, 25.2736, 33.9707 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(82, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(82, 148, 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(82, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 148, 153) }
```

Border

The CSS property to change the border of an element to XYZ 19.8193, 25.2736, 33.9707 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(82, 148, 153) }
```


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

```
.border{ border-color:rgb(82, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(82, 148,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8193, 25.2736, 33.9707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 148, 153) }
```

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

```
.background{ background-color: rgb(82, 148,  
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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