

Converting Colors

XYZ(25.1084, 27.1701, 35.4775)

Have a look what the booklet for
XYZ(25.1084, 27.1701, 35.4775)
contains.

XYZ(25.1794, 27.3182, 35.3983)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.1794, 27.3182,
35.3983)**

Conversions

Conversions Part 1

Format	Color
Hex	81919C
RGB	129, 145, 156
RGB Percent	51%, 57%, 61%
CMY	0.4941, 0.4314, 0.3882
CMYK	0.17, 0.07, 0.00, 0.39
HSL	204°, 12%, 56%
HSV	204°, 17%, 61%
XYZ	25.1794, 27.3182, 35.3983
YIQ	141.4700, -13.0670, 0.0290

Conversions

Conversions Part 2

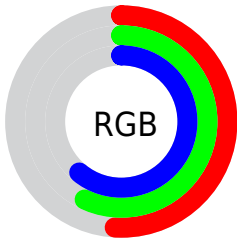
Format	Color
R_{YB}	129, 139, 156
Decimal	8491420
CIE Lab	59.27, -3.31, -7.75
CIE LCh	59, 8.425, 246.896
Yxy	27.3182, 0.2865, 0.3108
Android (android.graphics.Color)	4286681500 (0xFF81919C)
YUV	141.4700, 7.1633, -10.9362
Hunter-Lab	52.2668, -5.4750, -3.5681

Details

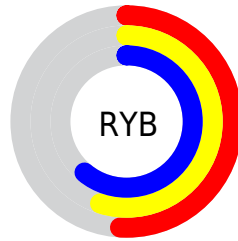
The XYZ color **25.1794, 27.3182, 35.3983** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0510, 27.4091, 24.6342**, and the grayscale version is **25.4790, 26.8059, 29.1917**.

A 20% lighter version of the original color is **51.3477, 55.4451, 68.9684**, and **9.8665, 10.8666, 14.9420** is the 20% darker color. If you saturate the color by 10%, you get **22.0445, 24.3014, 34.9817**, and if you desaturate by 10%, it is **28.7321, 30.6325, 35.8512**.

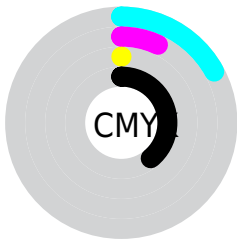
Distribution



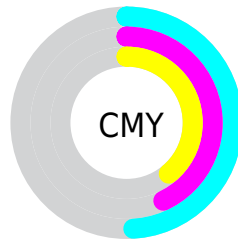
- Red (51%)
- Green (57%)
- Blue (61%)



- Red (51%)
- Yellow (55%)
- Blue (61%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (39%)



- Cyan (49%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1794, 27.3182, 35.3983 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 25.1794, 27.3182, 35.3983 by changing the saturation by 10% instead.

■ 25.1794, 27.3182,
35.3983

■ 25.1794, 27.3182,
35.3983

271.0614,
289.1945, 341.2804

■ 16.3402, 17.8123,
23.6838

■ 51.3889, 55.3941,
69.2609

■ 9.8576, 10.8153,
14.8892

■ 69.4899, 74.7328,
92.2461

■ 5.3662, 5.9428,
8.5959

■ 91.4090, 98.1181,
119.8253

■ 2.5006, 2.8103,
4.3854

117.5113,
125.9341, 152.4171

■ 0.8956, 1.0335,
1.8391

148.1624,
158.5654, 190.4400

■ 0.0000, 0.0000,
0.4535

183.7275,

■ 0.0000, 0.0000,

196.3963, 234.3125

0.0000

224.5721,
239.8112, 284.4531

■ 25.1794, 27.3182,
35.3983

■ 25.1794, 27.3182,
35.3983

■ 22.0445, 24.3014,
34.9817

■ 28.7321, 30.6325,
35.8512

■ 19.3076, 21.5684,
34.5984

■ 32.7162, 34.2504,
36.3395

■ 16.9512, 19.1095,
34.2480

■ 37.1480, 38.1821,
36.8649

■ 14.9550, 16.9129,
33.9292

■ 42.0417, 42.4365,
37.4281

■ 13.2970, 14.9659,
33.6408

■ 47.4114, 47.0218,
38.0302

■ 11.9524, 13.2543,
33.3813

■ 53.2702, 51.9459,
38.6718

■ 10.8926, 11.7617,
33.1490

■ 59.6307, 57.2166,
39.3539

■ 10.0710, 10.4626,
32.9416

■ 66.5053, 62.8413,
40.0773

■ 9.8676, 10.1338,
32.8888

■ 68.4069, 65.9924,
40.5853

Harmonies

Analogous

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



24.3807, 27.3182, 33.3605



25.1794, 27.3182, 35.3983



26.2088, 27.3182, 35.8752

Triad

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



25.1794, 27.3182, 35.3983



28.0256, 27.3182, 29.0546



24.7695, 27.3182, 25.3481

Complementary

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



25.1794, 27.3182, 35.3983



27.0510, 27.4091, 24.6342

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.



25.7230, 27.3182, 24.3560



25.1794, 27.3182, 35.3983



27.6167, 27.3182, 26.4004

Square

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



25.1794, 27.3182, 35.3983



27.8706, 27.3182, 32.0766



26.7670, 27.3182, 24.7279



24.1485, 27.3182, 27.5289

Rectangle

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



25.1794, 27.3182, 35.3983



26.8911, 27.3182, 35.2166



26.7670, 27.3182, 24.7279



25.0607, 27.3182, 24.8714

Sweetspot

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



25.1802, 27.3193, 35.3989



53.7143, 57.0394, 65.3054



25.6611, 30.3321, 29.2364



11.7196, 12.4597, 14.3576



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.1802, 27.3193, 35.3989



43.3042, 47.3032, 63.9748



23.2652, 23.4893, 34.7606



6.5950, 7.0558, 8.4210



8.1624, 8.4163, 27.1015



0.1868, 0.2322, 0.4982

Inverse Universe

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



26.6720, 24.8134, 30.1730



46.5962, 41.9517, 52.4029



29.1136, 31.5342, 25.3217



6.7897, 6.7088, 7.7436



12.9182, 6.4718, 9.0862



0.2516, 0.1240, 0.2711

Previews

White Background



This preview shows how the XYZ color 25.1794, 27.3182, 35.3983 looks on a white background.

Color Contrast Check

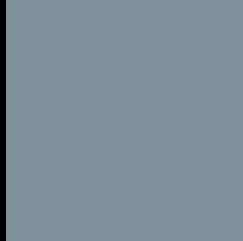
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1794, 27.3182, 35.3983 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

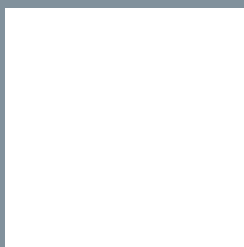
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1794, 27.3182, 35.3983

Background



This preview shows how black text looks on a background with the XYZ color 25.1794, 27.3182, 35.3983.

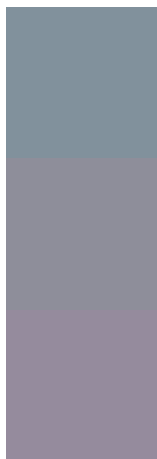


This preview shows how white text looks on a background with the XYZ color 25.1794, 27.3182,

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

25.1794, 27.3182, 35.3983

Protanopia

26.6611, 27.4299, 34.4612

Deuteranopia

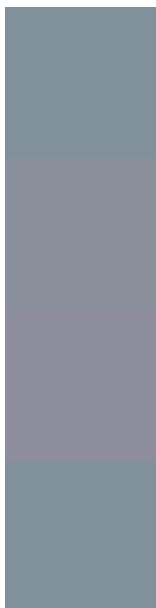
27.7128, 27.2891, 35.7050



Tritanopia

25.1794, 27.3182, 35.3983

Trichromacy



Original Color

25.1794, 27.3182, 35.3983

Protanomaly

26.0554, 27.3298, 34.9123

Deuteranomaly

26.7660, 27.2349, 35.7444

Tritanomaly

25.1794, 27.3182, 35.3983

Monochromacy



Original Color

25.1794, 27.3182, 35.3983

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.1778, 26.7397, 31.0284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1794, 27.3182, 35.3983 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(129, 145, 156)` looks like.

```
.text, #text, p{  
    color:rgb(129, 145, 156)  
}
```

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(129, 145, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 145, 156) }
```

Border

The CSS property to change the border of an element to XYZ 25.1794, 27.3182, 35.3983 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(129, 145, 156) }
```


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

```
.border{ border-color:rgb(129, 145, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 145, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 145, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 145, 156);  
box-shadow:4px 4px 4px 4px rgb(129, 145,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1794, 27.3182, 35.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 145, 156) }
```

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

```
.background{ background-color: rgb(129,  
145, 156) }
```

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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