

Converting Colors

XYZ(26.1941, 29.6078, 39.2182)

Have a look what the booklet for
XYZ(26.1941, 29.6078, 39.2182)
contains.

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Color

**XYZ(26.1705, 29.6378,
38.9917)**

Conversions

Conversions Part 1

Format	Color
Hex	7B99A3
RGB	123, 153, 163
RGB Percent	48%, 60%, 64%
CMY	0.5176, 0.4000, 0.3608
CMYK	0.25, 0.06, 0.00, 0.36
HSL	195°, 18%, 56%
HSV	195°, 25%, 64%
XYZ	26.1705, 29.6378, 38.9917
YIQ	145.1700, -21.0900, -3.2500

Conversions

Conversions Part 2

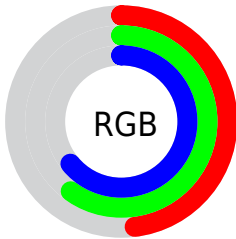
Format	Color
R_{YB}	123, 140, 163
Decimal	8100259
CIE _{Lab}	61.34, -8.08, -8.68
CIE _{LCh}	61, 11.860, 227.047
Yxy	29.6378, 0.2761, 0.3126
Android (android.graphics.Color)	4286290339 (0xFF7B99A3)
YUV	145.1700, 8.7902, -19.4431
Hunter-Lab	54.4406, -9.4632, -4.3565

Details

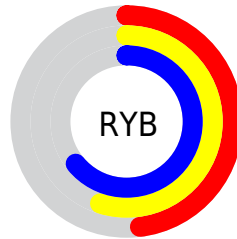
The XYZ color **26.1705, 29.6378, 38.9917** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.0673, 25.9918, 22.3299**, and the grayscale version is **26.9550, 28.3587, 30.8827**.

A 20% lighter version of the original color is **52.8722, 58.9177, 74.9153**, and **10.3683, 12.0669, 16.8216** is the 20% darker color. If you saturate the color by 10%, you get **23.3748, 27.2241, 38.6737**, and if you desaturate by 10%, it is **29.3790, 32.2996, 39.3369**.

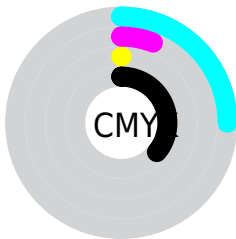
Distribution



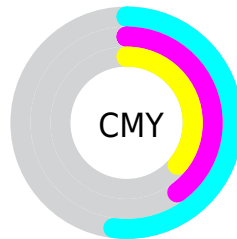
- Red (48%)
- Green (60%)
- Blue (64%)



- Red (48%)
- Yellow (55%)
- Blue (64%)



- Cyan (25%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (52%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1705, 29.6378, 38.9917 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 26.1705, 29.6378, 38.9917 by changing the saturation by 10% instead.

■ 26.1705, 29.6378,
38.9917

■ 26.1705, 29.6378,
38.9917

275.8594,
300.2125, 357.2801

■ 17.0846, 19.5638,
26.4455

■ 52.9792, 59.0889,
74.8458

■ 10.3905, 12.0784,
16.9285

■ 71.4327, 79.2348,
98.9909

■ 5.7229, 6.7971,
10.0221

■ 93.7395, 103.5069,
127.8392

■ 2.7164, 3.3355,
5.3078

120.2649,
132.2894, 161.8095

■ 1.0056, 1.3093,
2.3671

151.3742,
165.9668, 201.3201

■ 0.0000, 0.1484,
0.7684

187.4328,

■ 0.0000, 0.0000,

204.9236, 246.7898

0.0000

228.8061,
249.5440, 298.6369

■ 26.1705, 29.6378,
38.9917

■ 26.1705, 29.6378,
38.9917

■ 23.3748, 27.2241,
38.6737

■ 29.3790, 32.2996,
39.3369

■ 20.9698, 25.0447,
38.3797

■ 33.0158, 35.2155,
39.7080

■ 18.9354, 23.0893,
38.1095

■ 37.0987, 38.3959,
40.1067

■ 17.2483, 21.3459,
37.8619

■ 41.6438, 41.8493,
40.5337

■ 15.8828, 19.8006,
37.6356

■ 46.6663, 45.5839,
40.9898

■ 14.8089, 18.4378,
37.4292

■ 52.1806, 49.6075,
41.4758

■ 13.9908, 17.2386,
37.2408

■ 58.2008, 53.9275,
41.9924

■ 13.6023, 16.6270,
37.1433

■ 64.7400, 58.5511,
42.5402

■ 66.1934, 60.5892,
42.8570

Harmonies

Analogous

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



25.3921, 29.6378, 34.8611



26.1705, 29.6378, 38.9917



27.5013, 29.6378, 41.4101

Triad

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



26.1705, 29.6378, 38.9917



31.2026, 29.6378, 34.2392



27.2976, 29.6378, 24.7186

Complementary

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



26.1705, 29.6378, 38.9917



27.0673, 25.9918, 22.3299

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.



28.8491, 29.6378, 24.5856



26.1705, 29.6378, 38.9917



31.1431, 29.6378, 29.8116

Square

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



26.1705, 29.6378, 38.9917



30.4281, 29.6378, 38.5003



30.2685, 29.6378, 26.3698



26.0262, 29.6378, 26.7519

Rectangle

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



26.1705, 29.6378, 38.9917



28.5403, 29.6378, 41.5923



30.2685, 29.6378, 26.3698



27.8026, 29.6378, 24.4573

Sweetspot

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



26.1714, 29.6390, 38.9924



57.3651, 61.6696, 70.9361



25.4539, 32.0810, 26.8009



12.8010, 13.7847, 15.9235



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.1714, 29.6390, 38.9924



44.2768, 50.8647, 69.5404



23.2590, 23.8142, 38.0216



7.1255, 7.7100, 9.0157



10.6086, 12.9965, 28.8792



0.2569, 0.3411, 0.6181

Inverse Universe

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



27.9377, 24.2531, 33.3472



47.9992, 39.8441, 57.5695



29.9624, 31.7820, 23.2949



7.2883, 7.1718, 8.5047



14.5002, 7.1561, 15.0905



0.3218, 0.1572, 0.4074

Previews

White Background



This preview shows how the XYZ color 26.1705, 29.6378, 38.9917 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 26.1705, 29.6378, 38.9917 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

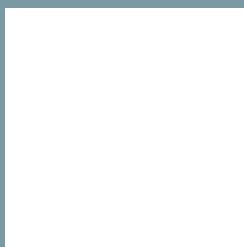
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1705, 29.6378, 38.9917

Background



This preview shows how black text looks on a background with the XYZ color 26.1705, 29.6378, 38.9917.

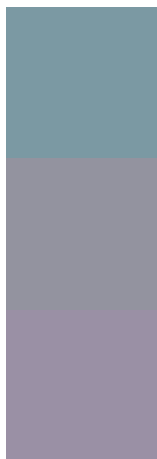


This preview shows how white text looks on a background with the XYZ color 26.1705, 29.6378,

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

26.1705, 29.6378, 38.9917

Protanopia

28.7243, 29.5737, 36.9952

Deuteranopia

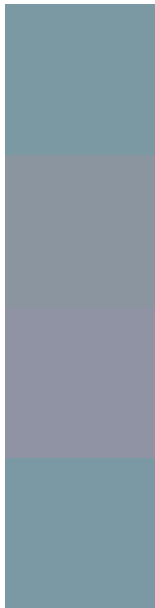
30.0912, 29.5332, 39.7118



Tritanopia

26.3511, 29.7100, 39.9431

Trichromacy



Original Color

26.1705, 29.6378, 38.9917

Protanomaly

27.5738, 29.4362, 37.4862

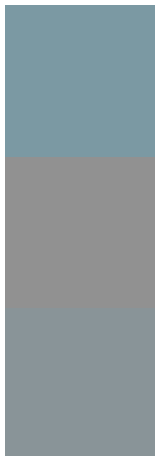
Deuteranomaly

28.4623, 29.3874, 39.2942

Tritanomaly

26.2605, 29.6738, 39.4655

Monochromacy



Original Color

26.1705, 29.6378, 38.9917

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.5739, 28.7652, 33.8574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1705, 29.6378, 38.9917 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(123, 153, 163)` looks like.

```
.text, #text, p{  
    color:rgb(123, 153, 163)  
}
```

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(123, 153, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 153, 163) }
```

Border

The CSS property to change the border of an element to XYZ 26.1705, 29.6378, 38.9917 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(123, 153, 163) }
```


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

```
.border{ border-color:rgb(123, 153, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 153, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 153, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 153, 163);  
box-shadow:4px 4px 4px 4px rgb(123, 153,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1705, 29.6378, 38.9917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 153, 163) }
```

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

```
.background{ background-color: rgb(123,  
153, 163) }
```

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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