

Converting Colors

XYZ(26.1113, 31.3218, 36.3266)

Have a look what the booklet for
XYZ(26.1113, 31.3218, 36.3266)
contains.

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Color

**XYZ(26.1793, 31.4638,
36.1458)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 77A09C |
| RGB | 119, 160, 156 |
| RGB Percent | 47%, 63%, 61% |
| CMY | 0.5333, 0.3725, 0.3882 |
| CMYK | 0.26, 0.00, 0.03, 0.37 |
| HSL | 174°, 18%, 55% |
| HSV | 174°, 26%, 63% |
| XYZ | 26.1793, 31.4638, 36.1458 |
| YIQ | 147.2850, -23.1520, -9.9360 |

Conversions

Conversions Part 2

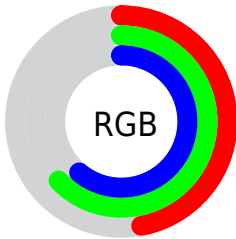
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 119, 141, 160 |
| Decimal | 7839900 |
| CIELab | 62.90, -14.75, -2.45 |
| CIELCh | 63, 14.957, 189.440 |
| Yxy | 31.4638, 0.2791, 0.3355 |
| Android (android.graphics.Color) | 4286029980 (0xFF77A09C) |
| YUV | 147.2850, 4.2965, -24.8059 |
| Hunter-Lab | 56.0926, -14.8533, 1.0586 |

Details

The XYZ color **26.1793, 31.4638, 36.1458** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.6703, 22.0982, 21.7053**, and the grayscale version is **27.8414, 29.2914, 31.8983**.

A 20% lighter version of the original color is **52.9466, 62.0247, 70.1541**, and **10.3666, 13.0103, 15.3295** is the 20% darker color. If you saturate the color by 10%, you get **24.0345, 30.3741, 35.3601**, and if you desaturate by 10%, it is **28.6974, 32.7473, 36.9592**.

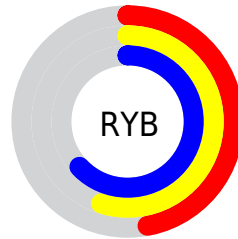
Distribution



Red (47%)

Green (63%)

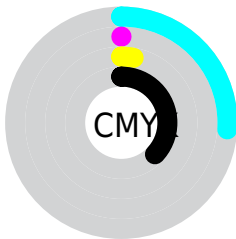
Blue (61%)



Red (47%)

Yellow (55%)

Blue (63%)

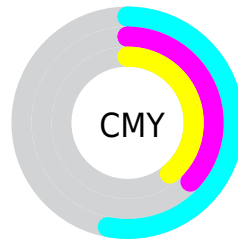


Cyan (26%)

Magenta (0%)

Yellow (3%)

Black (37%)



Cyan (53%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1793, 31.4638, 36.1458 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 26.1793, 31.4638, 36.1458 by changing the saturation by 10% instead.

■ 26.1793, 31.4638,
36.1458

■ 26.1793, 31.4638,
36.1458

275.9017,
308.6694, 344.6540

■ 17.0912, 20.9523,
24.2562

■ 52.9933, 61.9695,
70.4286

■ 10.3952, 13.0891,
15.3099

■ 71.4499, 82.7326,
93.6590

■ 5.7261, 7.4899,
8.8881

■ 93.7601, 107.6815,
121.5066

■ 2.7183, 3.7704,
4.5724

120.2892,
137.2008, 154.3902

■ 1.0066, 1.5459,
1.9444

151.4025,
171.6749, 192.7282

■ 0.0000, 0.3207,
0.5207

187.4655,

■ 0.0000, 0.0000,

211.4880, 236.9391

0.0000

228.8434,
257.0248, 287.4415

■ 26.1793, 31.4638,
36.1458

■ 26.1793, 31.4638,
36.1458

■ 24.0345, 30.3741,
35.3601

■ 28.6974, 32.7473,
36.9592

■ 22.2416, 29.4648,
34.5991

■ 31.6031, 34.2298,
37.7989

■ 20.7816, 28.7269,
33.8624

■ 34.9137, 35.9206,
38.6666

■ 19.6322, 28.1490,
33.1491

■ 38.6442, 37.8278,
39.5628

■ 18.7686, 27.7182,
32.4579

■ 42.8091, 39.9587,
40.4884

■ 18.1622, 27.4198,
31.7875

■ 47.4222, 42.3205,
41.4440

■ 17.7751, 27.2343,
31.1359

■ 52.4965, 44.9198,
42.4303

■ 17.6349, 27.1681,
30.8550

■ 58.0448, 47.7633,
43.4479

■ 61.0724, 49.3071,
44.3566

Harmonies

Analogous

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



26.3608, 31.4638, 30.4412



26.1793, 31.4638, 36.1458



26.9603, 31.4638, 41.9510

Triad

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



26.1793, 31.4638, 36.1458



32.4828, 31.4638, 43.7485



31.3127, 31.4638, 24.7296

Complementary

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



26.1793, 31.4638, 36.1458



24.6703, 22.0982, 21.7053

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.



33.0575, 31.4638, 27.5694



26.1793, 31.4638, 36.1458



33.7543, 31.4638, 38.3828

Square

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



26.1793, 31.4638, 36.1458



30.5572, 31.4638, 46.6596



33.9693, 31.4638, 32.4385



29.2629, 31.4638, 24.2763

Rectangle

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



26.1793, 31.4638, 36.1458



27.9436, 31.4638, 44.9404



33.9693, 31.4638, 32.4385



31.9569, 31.4638, 25.4198

Sweetspot

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



26.1802, 31.4651, 36.1465



55.9773, 61.4330, 68.2389



24.0842, 30.6931, 22.1084



12.1066, 13.3864, 14.9175



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.1802, 31.4651, 36.1465



45.1279, 55.9055, 64.7706



23.8666, 26.2866, 37.0750



6.7939, 7.4983, 8.3494



13.7457, 21.1662, 24.0818



0.2531, 0.3814, 0.4689

Inverse Universe

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



24.6703, 22.0982, 21.7053



41.8923, 35.8226, 33.8171



26.5479, 26.2463, 21.1202



6.6581, 6.6561, 7.0505



11.3719, 5.8533, 0.9437



0.2101, 0.1074, 0.0525

Previews

White Background



This preview shows how the XYZ color 26.1793, 31.4638, 36.1458 looks on a white background.

Color Contrast Check

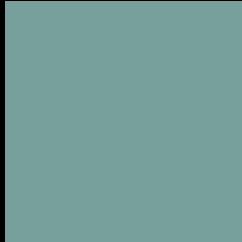
Large Text (above 18pt) WCAG AA × Fail

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 26.1793, 31.4638, 36.1458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

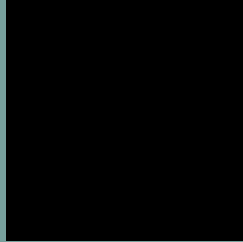
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.1793, 31.4638, 36.1458

Background



This preview shows how black text looks on a background with the XYZ color 26.1793, 31.4638, 36.1458.

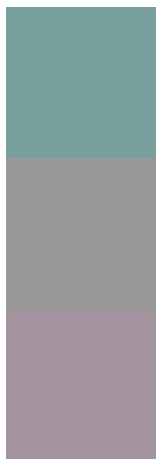


This preview shows how white text looks on a background with the XYZ color 26.1793, 31.4638,

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

26.1793, 31.4638, 36.1458

Protanopia

29.9789, 31.2376, 33.7276

Deuteranopia

31.7960, 31.1572, 37.1390



Tritanopia

27.5086, 31.4936, 42.6592

Trichromacy



Original Color

26.1793, 31.4638, 36.1458

Protanomaly

28.2899, 31.0738, 34.6438

Deuteranomaly

29.4324, 31.1281, 36.8048

Tritanomaly

27.0748, 31.5778, 40.2654

Monochromacy



Original Color

26.1793, 31.4638, 36.1458

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.0498, 29.9768, 33.2146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1793, 31.4638, 36.1458 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(119, 160, 156)` looks like.

```
.text, #text, p{  
    color:rgb(119, 160, 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(119, 160, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 160, 156) }
```

Border

The CSS property to change the border of an element to XYZ 26.1793, 31.4638, 36.1458 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(119, 160, 156) }
```


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

```
.border{ border-color:rgb(119, 160, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 160, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 160, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 160, 156);  
box-shadow:4px 4px 4px 4px rgb(119, 160,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1793, 31.4638, 36.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 160, 156) }
```

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

```
.background{ background-color: rgb(119,  
160, 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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