

Converting Colors

XYZ(26.6102, 30.5656, 35.7490)

Have a look what the booklet for
XYZ(26.6102, 30.5656, 35.7490)
contains.

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Color

**XYZ(26.7913, 30.7664,
35.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	809C9C
RGB	128, 156, 156
RGB Percent	50%, 61%, 61%
CMY	0.4980, 0.3882, 0.3882
CMYK	0.18, 0.00, 0.00, 0.39
HSL	180°, 12%, 56%
HSV	180°, 18%, 61%
XYZ	26.7913, 30.7664, 35.9790
YIQ	147.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

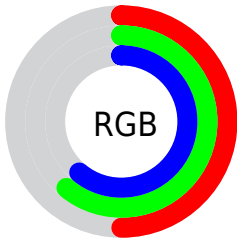
Format	Color
RYB	128, 142, 156
Decimal	8428700
CIELab	62.31, -9.71, -3.25
CIElCh	62, 10.238, 198.522
Yxy	30.7664, 0.2864, 0.3289
Android (android.graphics.Color)	4286618780 (0xFF809C9C)
YUV	147.6280, 4.1274, -17.2138
Hunter-Lab	55.4675, -10.8509, 0.3687

Details

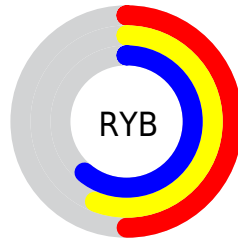
The XYZ color **26.7913, 30.7664, 35.9790** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.3268, 24.0656, 23.7336**, and the grayscale version is **27.9825, 29.4398, 32.0599**.

A 20% lighter version of the original color is **53.9832, 61.0654, 69.9144**, and **10.7433, 12.7428, 15.2580** is the 20% darker color. If you saturate the color by 10%, you get **24.6230, 29.6494, 35.8777**, and if you desaturate by 10%, it is **29.3221, 32.0719, 36.0986**.

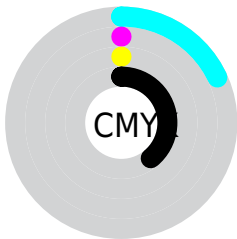
Distribution



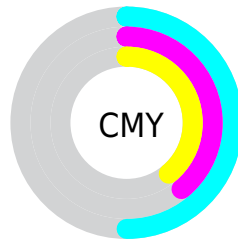
- Red (50%)
- Green (61%)
- Blue (61%)



- Red (50%)
- Yellow (56%)
- Blue (61%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (39%)



- Cyan (50%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7913, 30.7664, 35.9790 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 26.7913, 30.7664, 35.9790 by changing the saturation by 10% instead.

■ 26.7913, 30.7664,
35.9790

■ 26.7913, 30.7664,
35.9790

278.8312,
305.4607, 343.9034

■ 17.5523, 20.4210,
24.1284

■ 53.9710, 60.8721,
70.1683

■ 10.7268, 12.7015,
15.2158

■ 72.6425, 81.4012,
93.3442

■ 5.9494, 7.2233,
8.8227

■ 95.1889, 106.0937,
121.1321

■ 2.8547, 3.6021,
4.5305

121.9755,
135.3340, 153.9508

■ 1.0774, 1.4536,
1.9206

153.3676,
169.5064, 192.2188

■ 0.0061, 0.2557,
0.5058

189.7307,

■ 0.0000, 0.0000,

208.9954, 236.3545

0.0000

231.4302,
254.1854, 286.7765

■ 26.7913, 30.7664,
35.9790

■ 26.7913, 30.7664,
35.9790

■ 24.6230, 29.6494,
35.8777

■ 29.3221, 32.0719,
36.0986

■ 22.7983, 28.7087,
35.7918

■ 32.2283, 33.5700,
36.2351

■ 21.3001, 27.9364,
35.7212

■ 35.5251, 35.2696,
36.3898

■ 20.1094, 27.3226,
35.6650

■ 39.2262, 37.1776,
36.5635

■ 19.2048, 26.8563,
35.6222

■ 43.3448, 39.3008,
36.7568

■ 18.5622, 26.5250,
35.5916

■ 47.8933, 41.6456,
36.9701

■ 18.1539, 26.3145,
35.5721

■ 52.8837, 44.2182,
37.2041

■ 17.9292, 26.1987,
35.5611

■ 58.3274, 47.0246,
37.4594

■ 17.8891, 26.1780,
35.5591

■ 59.1307, 47.4387,
37.4974

Harmonies

Analogous

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



26.7116, 30.7664, 32.0057



26.7913, 30.7664, 35.9790



27.5153, 30.7664, 39.5394

Triad

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



26.7913, 30.7664, 35.9790



31.2818, 30.7664, 38.8046



29.7753, 30.7664, 26.5723

Complementary

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



26.7913, 30.7664, 35.9790



25.3268, 24.0656, 23.7336

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.



31.0406, 30.7664, 28.1081



26.7913, 30.7664, 35.9790



31.9285, 30.7664, 35.0389

Square

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



26.7913, 30.7664, 35.9790



30.0960, 30.7664, 41.2574



31.8389, 30.7664, 31.1364



28.4054, 30.7664, 26.7805

Rectangle

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



26.7913, 30.7664, 35.9790



28.2790, 30.7664, 41.1031



31.8389, 30.7664, 31.1364



30.2277, 30.7664, 26.8965

Sweetspot

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



26.7922, 30.7677, 35.9797



54.6887, 58.9882, 65.6298



24.7581, 29.9622, 24.9010



11.9609, 12.9423, 14.4380



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.



26.7922, 30.7677, 35.9797



46.8135, 54.9284, 65.2597



24.6463, 26.4756, 35.2652



6.8219, 7.5095, 8.4965



14.7345, 21.5617, 29.2885



0.2635, 0.3855, 0.5237

Inverse Universe

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



25.3268, 24.0656, 23.7336



43.5893, 40.1824, 38.3155



27.2114, 27.8349, 24.3611



6.6331, 6.6462, 6.9190



11.2932, 5.8218, 0.5288



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 26.7913, 30.7664, 35.9790 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 26.7913, 30.7664, 35.9790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

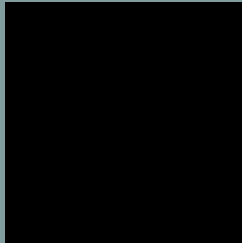
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

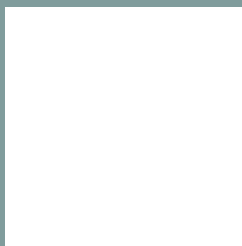
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7913, 30.7664, 35.9790

Background



This preview shows how black text looks on a background with the XYZ color 26.7913, 30.7664, 35.9790.



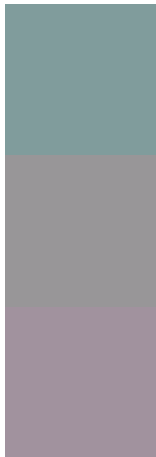
This preview shows how white text looks on a background with the XYZ color 26.7913, 30.7664,

35.9790.

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

26.7913, 30.7664, 35.9790

Protanopia

29.5227, 30.7551, 34.0861

Deuteranopia

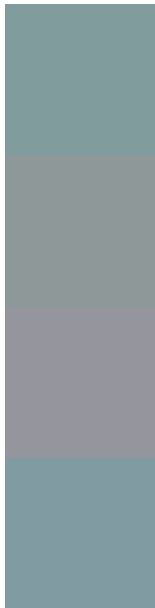
31.1484, 30.6035, 36.6131



Tritanopia

27.7366, 30.6470, 41.0128

Trichromacy



Original Color

26.7913, 30.7664, 35.9790

Protanomaly

28.3057, 30.5960, 34.5507

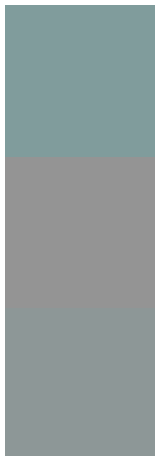
Deuteranomaly

29.3866, 30.6366, 36.2629

Tritanomaly

27.3855, 30.7542, 39.1431

Monochromacy



Original Color

26.7913, 30.7664, 35.9790

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.6370, 30.0303, 33.6180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7913, 30.7664, 35.9790 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(128, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(128, 156, 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(128, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 156, 156) }
```

Border

The CSS property to change the border of an element to XYZ 26.7913, 30.7664, 35.9790 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(128, 156, 156) }
```


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

```
.border{ border-color:rgb(128, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(128, 156,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7913, 30.7664, 35.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 156, 156) }
```

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

```
.background{ background-color: rgb(128,  
156, 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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