

Converting Colors

XYZ(26.1287, 30.3703, 37.2881)

Have a look what the booklet for
XYZ(26.1287, 30.3703, 37.2881)
contains.

XYZ(26.1725, 30.4177, 37.2927)	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(26.1725, 30.4177,
37.2927)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9C9F
RGB	122, 156, 159
RGB Percent	48%, 61%, 62%
CMY	0.5216, 0.3882, 0.3765
CMYK	0.23, 0.02, 0.00, 0.38
HSL	185°, 16%, 55%
HSV	185°, 23%, 62%
XYZ	26.1725, 30.4177, 37.2927
YIQ	146.1760, -21.2270, -6.2750

Conversions

Conversions Part 2

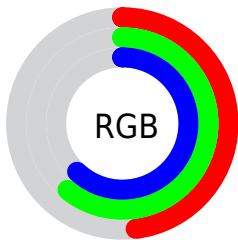
Format	Color
RYB	122, 140, 159
Decimal	8035487
CIELab	62.01, -10.97, -5.43
CIElCh	62, 12.241, 206.320
Yxy	30.4177, 0.2788, 0.3240
Android (android.graphics.Color)	4286225567 (0xFF7A9C9F)
YUV	146.1760, 6.3222, -21.2024
Hunter-Lab	55.1522, -11.8092, -1.4840

Details

The XYZ color **26.1725, 30.4177, 37.2927** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.1449, 23.4434, 21.6127**, and the grayscale version is **27.3756, 28.8012, 31.3646**.

A 20% lighter version of the original color is **53.1111, 60.5575, 72.5078**, and **10.4308, 12.5636, 16.0626** is the 20% darker color. If you saturate the color by 10%, you get **23.8880, 28.9215, 37.1248**, and if you desaturate by 10%, it is **28.8295, 32.1109, 37.4800**.

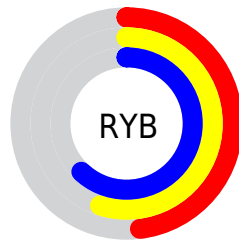
Distribution



Red (48%)

Green (61%)

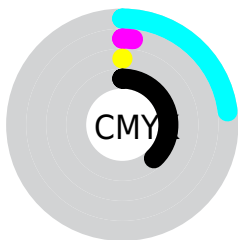
Blue (62%)



Red (48%)

Yellow (55%)

Blue (62%)

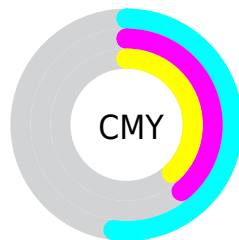


Cyan (23%)

Magenta (2%)

Yellow (0%)

Black (38%)



Cyan (52%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1725, 30.4177, 37.2927 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 26.1725, 30.4177, 37.2927 by changing the saturation by 10% instead.

■ 26.1725, 30.4177,
37.2927

■ 26.1725, 30.4177,
37.2927

275.8690,
303.8466, 349.7828

■ 17.0861, 20.1559,
25.1366

■ 52.9824, 60.3221,
72.2141

■ 10.3916, 12.5084,
15.9589

■ 71.4366, 80.7335,
95.8165

■ 5.7236, 7.0909,
9.3411

■ 93.7442, 105.2968,
124.0714

■ 2.7168, 3.5190,
4.8645

120.2704,
134.3965, 157.3974

■ 1.0058, 1.4083,
2.1106

151.3806,
168.4169, 196.2130

■ 0.0000, 0.2228,
0.6221

187.4402,

■ 0.0000, 0.0000,

207.7425, 240.9367

0.0000

228.8146,
252.7576, 291.9871

■ 26.1725, 30.4177,
37.2927

■ 26.1725, 30.4177,
37.2927

■ 23.8880, 28.9215,
37.1248

■ 28.8295, 32.1109,
37.4800

■ 21.9553, 27.6093,
36.9734

■ 31.8729, 34.0059,
37.6853

■ 20.3561, 26.4724,
36.8382

■ 35.3193, 36.1121,
37.9102

■ 19.0689, 25.4997,
36.7183

■ 39.1836, 38.4371,
38.1553

■ 18.0700, 24.6790,
36.6126

■ 43.4796, 40.9882,
38.4213

■ 17.3324, 23.9964,
36.5197

■ 48.2210, 43.7723,
38.7088

■ 16.8235, 23.4350,
36.4381

■ 53.4203, 46.7960,
39.0184

■ 16.5551, 23.0972,
36.3871

■ 59.0900, 50.0656,
39.3507

■ 61.4267, 51.6205,
39.5276

Harmonies

Analogous

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



25.8735, 30.4177, 32.5427



26.1725, 30.4177, 37.2927



27.1953, 30.4177, 41.2282

Triad

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



26.1725, 30.4177, 37.2927



31.6188, 30.4177, 38.3914



29.1143, 30.4177, 24.8909

Complementary

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



26.1725, 30.4177, 37.2927



25.1449, 23.4434, 21.6127

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.



30.6976, 30.4177, 26.1508



26.1725, 30.4177, 37.2927



32.1777, 30.4177, 33.7035

Square

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



26.1725, 30.4177, 37.2927



30.3337, 30.4177, 41.9035



31.8344, 30.4177, 29.2702



27.5337, 30.4177, 25.6581

Rectangle

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



26.1725, 30.4177, 37.2927



28.1708, 30.4177, 42.7050



31.8344, 30.4177, 29.2702



29.6643, 30.4177, 25.0881

Sweetspot

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



26.1734, 30.4189, 37.2934



54.8909, 59.5454, 67.3438



24.0924, 30.4015, 23.8227



12.3077, 13.3825, 15.1781



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.



26.1734, 30.4189, 37.2934



44.6388, 53.0230, 66.6252



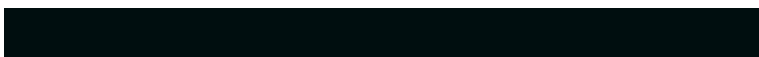
23.3779, 24.8279, 36.3616



6.7759, 7.4175, 8.4813



13.0899, 18.2713, 28.7440



0.2462, 0.3511, 0.5180

Inverse Universe

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



27.2591, 23.6909, 34.5900



46.9537, 38.8636, 60.8193



27.6289, 28.4116, 22.4407



6.8810, 6.7453, 8.2242



15.4054, 7.4667, 22.1835



0.2816, 0.1360, 0.4290

Previews

White Background



This preview shows how the XYZ color 26.1725, 30.4177, 37.2927 looks on a white background.

Color Contrast Check

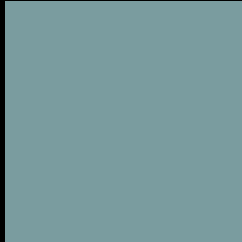
Large Text (above 18pt) WCAG AA × Fail

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 26.1725, 30.4177, 37.2927 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

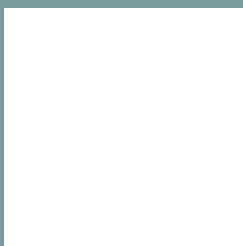
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1725, 30.4177, 37.2927

Background



This preview shows how black text looks on a background with the XYZ color 26.1725, 30.4177, 37.2927.

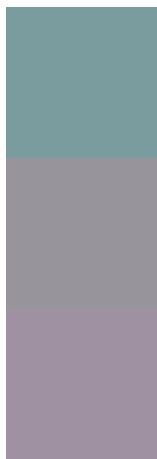


This preview shows how white text looks on a background with the XYZ color 26.1725, 30.4177,

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

26.1725, 30.4177, 37.2927

Protanopia

29.4263, 30.4408, 35.3351

Deuteranopia

30.8565, 30.1949, 37.9201



Tritanopia

27.0086, 30.5178, 41.0262

Trichromacy



Original Color

26.1725, 30.4177, 37.2927

Protanomaly

28.0442, 30.4322, 35.8484

Deuteranomaly

28.9467, 30.1439, 37.5504

Tritanomaly

26.5906, 30.3340, 39.5755

Monochromacy



Original Color

26.1725, 30.4177, 37.2927

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8088, 29.3654, 33.5333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1725, 30.4177, 37.2927 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(122, 156, 159)` looks like.

```
.text, #text, p{  
    color:rgb(122, 156, 159)  
}
```

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(122, 156, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 156, 159) }
```

Border

The CSS property to change the border of an element to XYZ 26.1725, 30.4177, 37.2927 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(122, 156, 159) }
```


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

```
.border{ border-color:rgb(122, 156, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 156, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 156, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 156, 159);  
box-shadow:4px 4px 4px 4px rgb(122, 156,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1725, 30.4177, 37.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 156, 159) }
```

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

```
.background{ background-color: rgb(122,  
156, 159) }
```

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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