

Converting Colors

XYZ(27.5049, 32.0921, 38.6307)

Have a look what the booklet for
XYZ(27.5049, 32.0921, 38.6307)
contains.

XYZ(27.4613, 32.0748, 38.4619)	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(27.4613, 32.0748,
38.4619)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA0A1
RGB	125, 160, 161
RGB Percent	49%, 63%, 63%
CMY	0.5098, 0.3725, 0.3686
CMYK	0.22, 0.01, 0.00, 0.37
HSL	182°, 16%, 56%
HSV	182°, 22%, 63%
XYZ	27.4613, 32.0748, 38.4619
YIQ	149.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

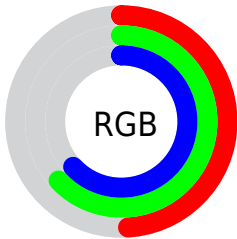
Format	Color
RYB	125, 143, 161
Decimal	8233121
CIELab	63.40, -11.72, -4.48
CIELCh	63, 12.542, 200.905
Yxy	32.0748, 0.2802, 0.3273
Android (android.graphics.Color)	4286423201 (0xFF7DA0A1)
YUV	149.6490, 5.5960, -21.6172
Hunter-Lab	56.6346, -12.5585, -0.6210

Details

The XYZ color **27.4613, 32.0748, 38.4619** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.8608, 23.9796, 22.6682**, and the grayscale version is **28.8250, 30.3262, 33.0252**.

A 20% lighter version of the original color is **55.0552, 63.0237, 74.2288**, and **11.0787, 13.3468, 16.7441** is the 20% darker color. If you saturate the color by 10%, you get **25.2219, 30.8065, 38.3356**, and if you desaturate by 10%, it is **30.0839, 33.5427, 38.6075**.

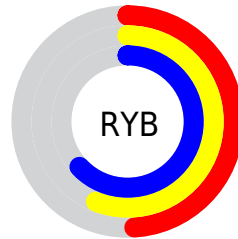
Distribution



Red (49%)

Green (63%)

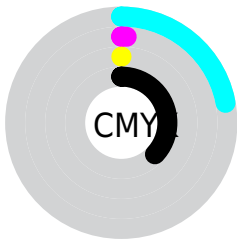
Blue (63%)



Red (49%)

Yellow (56%)

Blue (63%)

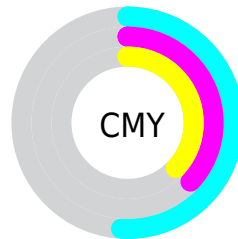


Cyan (22%)

Magenta (1%)

Yellow (0%)

Black (37%)



Cyan (51%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4613, 32.0748, 38.4619 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 27.4613, 32.0748, 38.4619 by changing the saturation by 10% instead.

■ 27.4613, 32.0748,
38.4619

■ 27.4613, 32.0748,
38.4619

282.0108,
311.4598, 354.9547

■ 18.0584, 21.4186,
26.0368

■ 55.0379, 62.9283,
74.0268

■ 11.0918, 13.4304,
16.6251

■ 73.9423, 83.8945,
98.0037

■ 6.1964, 7.7256,
9.8085

■ 96.7445, 109.0661,
126.6682

■ 3.0067, 3.9198,
5.1682

123.8099,
138.8276, 160.4389

■ 1.1573, 1.6288,
2.2858

155.5039,
173.5633, 199.7344

■ 0.0722, 0.3769,
0.7233

192.1918,

■ 0.0000, 0.0000,

213.6576, 244.9732

0.0000

234.2390,
259.4950, 296.5737

■ 27.4613, 32.0748,
38.4619

■ 27.4613, 32.0748,
38.4619

■ 25.2219, 30.8065,
38.3356

■ 30.0839, 33.5427,
38.6075

■ 23.3445, 29.7244,
38.2257

■ 33.1039, 35.2151,
38.7712

■ 21.8102, 28.8196,
38.1320

■ 36.5384, 37.1015,
38.9543

■ 20.5972, 28.0809,
38.0533

■ 40.4025, 39.2098,
39.1575

■ 19.6815, 27.4958,
37.9886

■ 44.7106, 41.5474,
39.3817

■ 19.0352, 27.0500,
37.9367

■ 49.4764, 44.1214,
39.6273

■ 18.6255, 26.7267,
37.8958

■ 54.7131, 46.9386,
39.8951

■ 18.4121, 26.5312,
37.8693

■ 60.4334, 50.0055,
40.1856

■ 60.9521, 50.3913,
40.2327

Harmonies

Analogous

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



27.2952, 32.0748, 33.4286



27.4613, 32.0748, 38.4619



28.4212, 32.0748, 42.9152

Triad

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



27.4613, 32.0748, 38.4619



33.1618, 32.0748, 41.3331



31.0190, 32.0748, 26.2780

Complementary

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



27.4613, 32.0748, 38.4619



25.8608, 23.9796, 22.6682

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.



32.6488, 32.0748, 27.9920



27.4613, 32.0748, 38.4619



33.9166, 32.0748, 36.4633

Square

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



27.4613, 32.0748, 38.4619



31.6977, 32.0748, 44.6796



33.7253, 32.0748, 31.6100



29.3059, 32.0748, 26.7031

Rectangle

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



27.4613, 32.0748, 38.4619



29.4028, 32.0748, 44.8018



33.7253, 32.0748, 31.6100



31.5957, 32.0748, 26.6165

Sweetspot

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



27.4622, 32.0761, 38.4626



56.6137, 61.5901, 69.2908



24.9431, 31.3464, 24.3401



12.3526, 13.4724, 15.1930



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.



27.4622, 32.0761, 38.4626



47.0333, 56.2314, 68.7614



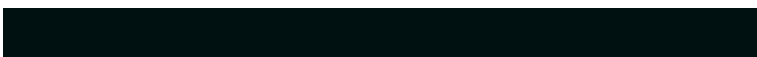
24.6237, 26.3991, 37.5165



7.2592, 7.9774, 9.0603



14.7101, 21.1997, 30.2464



0.3140, 0.4552, 0.6372

Inverse Universe

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



28.3775, 24.7831, 36.5471



48.9837, 40.7669, 64.6621



28.3130, 28.8839, 23.4856



7.3558, 7.1988, 8.8601



16.5705, 7.9842, 25.9924



0.3506, 0.1687, 0.5591

Previews

White Background



This preview shows how the XYZ color 27.4613, 32.0748, 38.4619 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 27.4613, 32.0748, 38.4619 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 27.4613, 32.0748, 38.4619

Background



This preview shows how black text looks on a background with the XYZ color 27.4613, 32.0748, 38.4619.

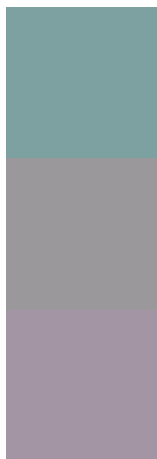


This preview shows how white text looks on a background with the XYZ color 27.4613, 32.0748,

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

27.4613, 32.0748, 38.4619

Protanopia

30.7466, 31.8253, 35.9749

Deuteranopia

32.4626, 31.9258, 39.1017



Tritanopia

28.3299, 31.9060, 43.1934

Trichromacy



Original Color

27.4613, 32.0748, 38.4619

Protanomaly

29.3945, 31.8406, 36.9443

Deuteranomaly

30.3072, 31.7807, 38.7193

Tritanomaly

27.9774, 32.0219, 41.2655

Monochromacy



Original Color

27.4613, 32.0748, 38.4619

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.3728, 31.1070, 35.0807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4613, 32.0748, 38.4619 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(125, 160, 161)` looks like.

```
.text, #text, p{  
    color:rgb(125, 160, 161)  
}
```

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(125, 160, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 160, 161) }
```

Border

The CSS property to change the border of an element to XYZ 27.4613, 32.0748, 38.4619 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(125, 160, 161) }
```


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

```
.border{ border-color:rgb(125, 160, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 160, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 160, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 160, 161);  
box-shadow:4px 4px 4px 4px rgb(125, 160,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4613, 32.0748, 38.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 160, 161) }
```

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

```
.background{ background-color: rgb(125,  
160, 161) }
```

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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