

Converting Colors

XYZ(30.2859, 32.6834, 38.9802)

Have a look what the booklet for
XYZ(30.2859, 32.6834, 38.9802)
contains.

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Color

**XYZ(30.2556, 32.7423,
38.9077)**

Conversions

Conversions Part 1

Format	Color
Hex	919DA2
RGB	145, 157, 162
RGB Percent	57%, 62%, 64%
CMY	0.4314, 0.3843, 0.3647
CMYK	0.10, 0.03, 0.00, 0.36
HSL	198°, 8%, 60%
HSV	198°, 10%, 64%
XYZ	30.2556, 32.7423, 38.9077
YIQ	153.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

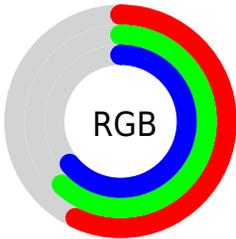
Format	Color
RYB	145, 152, 162
Decimal	9543074
CIELab	63.95, -3.22, -4.08
CIELCh	64, 5.196, 231.667
Yxy	32.7423, 0.2969, 0.3213
Android (android.graphics.Color)	4287733154 (0xFF919DA2)
YUV	153.9820, 3.9529, -7.8772
Hunter-Lab	57.2209, -5.7545, -0.2600

Details

The XYZ color **30.2556, 32.7423, 38.9077** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9177, 31.5383, 31.2466**, and the grayscale version is **30.6940, 32.2925, 35.1665**.

A 20% lighter version of the original color is **59.6211, 64.2388, 74.9026**, and **12.5846, 13.8135, 16.7549** is the 20% darker color. If you saturate the color by 10%, you get **26.8122, 29.7950, 38.5208**, and if you desaturate by 10%, it is **34.1394, 35.9650, 39.3256**.

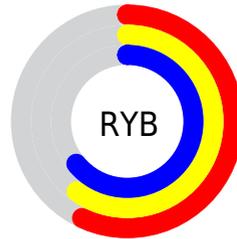
Distribution



Red (57%)

Green (62%)

Blue (64%)



Red (57%)

Yellow (60%)

Blue (64%)

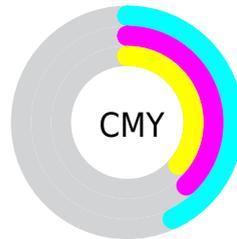


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (36%)



Cyan (43%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2556, 32.7423, 38.9077 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 30.2556, 32.7423, 38.9077 by changing the saturation by 10% instead.

■ 30.2556, 32.7423,
38.9077

■ 30.2556, 32.7423,
38.9077

294.9825,
314.4869, 356.9122

■ 20.1817, 21.9291,
26.3807

■ 59.4500, 63.9730,
74.7161

■ 12.6362, 13.8048,
16.8803

■ 79.3013, 85.1593,
98.8345

■ 7.2538, 7.9850,
9.9881

103.1423,
110.5720, 127.6538

■ 3.6691, 4.0854,
5.2856

131.3386,
140.5957, 161.5925

■ 1.5167, 1.7214,
2.3541

164.2554,
175.6146, 201.0691

■ 0.3371, 0.4375,
0.7613

202.2581,

■ 0.0000, 0.0000,

216.0132, 246.5023

0.0000

245.7120,
262.1758, 298.3104

■ 30.2556, 32.7423,
38.9077

■ 30.2556, 32.7423,
38.9077

■ 26.8122, 29.7950,
38.5208

■ 34.1394, 35.9650,
39.3256

■ 23.7888, 27.1095,
38.1618

■ 38.4773, 39.4680,
39.7731

■ 21.1677, 24.6770,
37.8304

■ 43.2857, 43.2613,
40.2518

■ 18.9287, 22.4865,
37.5256

■ 48.5795, 47.3530,
40.7626

■ 17.0498, 20.5260,
37.2463

■ 54.3729, 51.7508,
41.3061

■ 15.5064, 18.7825,
36.9911

■ 60.6793, 56.4623,
41.8831

■ 14.2708, 17.2410,
36.7587

■ 66.2492, 60.8436,
42.4352

■ 13.3106, 15.8842,
36.5474

■ 67.3001, 62.9455,
42.7855

■ 12.5815, 14.7282,
36.3627

■ 68.3850, 65.1154,
43.1472

Harmonies

Analogous

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



29.8306, 32.7423, 37.1601



30.2556, 32.7423, 38.9077



30.9170, 32.7423, 39.7905

Triad

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



30.2556, 32.7423, 38.9077



32.5343, 32.7423, 36.2383



30.6037, 32.7423, 32.0338

Complementary

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



30.2556, 32.7423, 38.9077



30.9177, 31.5383, 31.2466

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.



31.3250, 32.7423, 31.8087



30.2556, 32.7423, 38.9077



32.4473, 32.7423, 34.1829

Square

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



30.2556, 32.7423, 38.9077



32.2379, 32.7423, 38.2102



32.0019, 32.7423, 32.5809



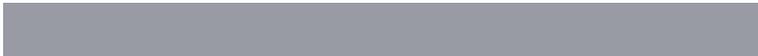
30.0293, 32.7423, 33.2083

Rectangle

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



30.2556, 32.7423, 38.9077



31.4061, 32.7423, 39.7467



32.0019, 32.7423, 32.5809



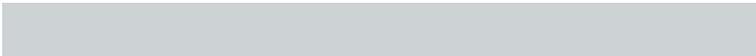
30.8368, 32.7423, 31.8464

Sweetspot

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



30.2565, 32.7437, 38.9084



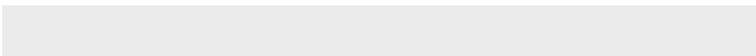
60.0925, 63.7440, 71.1927



30.0882, 34.0571, 33.7652



13.3692, 14.2116, 15.9760



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

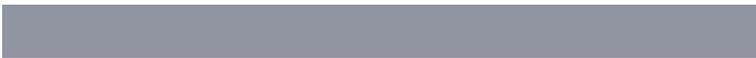
The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.2565, 32.7437, 38.9084



53.1279, 57.9203, 70.4357



28.8966, 30.0238, 38.4551



7.0994, 7.6579, 9.0070



9.9504, 11.6802, 28.6598



0.2469, 0.3210, 0.6148

Inverse Universe

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



31.1122, 30.3672, 36.1215



55.0657, 52.6210, 64.1058



32.2926, 34.2882, 31.7049



7.2752, 7.1665, 8.4354



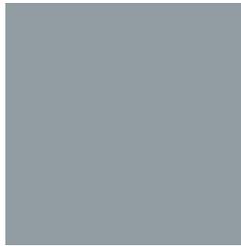
14.1680, 7.0232, 13.3410



0.3168, 0.1552, 0.3807

Previews

White Background



This preview shows how the XYZ color 30.2556, 32.7423, 38.9077 looks on a white background.

Color Contrast Check

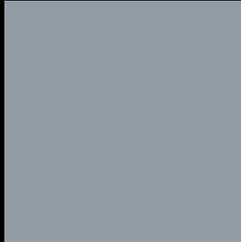
Large Text (above 18pt) WCAG AA × Fail

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 30.2556, 32.7423, 38.9077 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 30.2556, 32.7423, 38.9077

Background



This preview shows how black text looks on a background with the XYZ color 30.2556, 32.7423, 38.9077.



This preview shows how white text looks on a background with the XYZ color 30.2556, 32.7423,

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

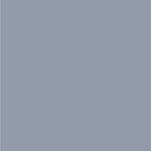
30.2556, 32.7423, 38.9077

Protanopia

31.6111, 32.7172, 37.9067

Deuteranopia

33.2431, 32.5640, 39.1837



Tritanopia

30.8104, 32.7151, 41.7365

Trichromacy



Original Color

30.2556, 32.7423, 38.9077

Protanomaly

31.1033, 32.6913, 38.3889

Deuteranomaly

32.1026, 32.6959, 39.2693

Tritanomaly

30.6255, 32.6411, 40.7626

Monochromacy



Original Color

30.2556, 32.7423, 38.9077

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5696, 32.4563, 36.5518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2556, 32.7423, 38.9077 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(145, 157, 162) looks like.

```
.text, #text, p{  
    color:rgb(145, 157, 162)  
}
```

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(145, 157, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 157, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.2556, 32.7423, 38.9077 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(145, 157, 162) }
```


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

```
.border{ border-color:rgb(145, 157, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 157, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 157, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 157, 162);  
box-shadow:4px 4px 4px 4px rgb(145, 157,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2556, 32.7423, 38.9077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 157, 162) }
```

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

```
.background{ background-color: rgb(145,  
157, 162) }
```

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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