

Converting Colors

XYZ(30.1950, 33.1362, 40.7607)

Have a look what the booklet for
XYZ(30.1950, 33.1362, 40.7607)
contains.

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Color

**XYZ(30.2656, 33.2122,
40.8918)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9FA6
RGB	141, 159, 166
RGB Percent	55%, 62%, 65%
CMY	0.4471, 0.3765, 0.3490
CMYK	0.15, 0.04, 0.00, 0.35
HSL	197°, 12%, 60%
HSV	197°, 15%, 65%
XYZ	30.2656, 33.2122, 40.8918
YIQ	154.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

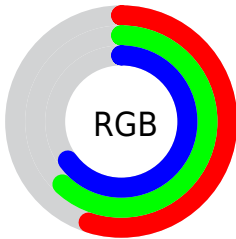
Format	Color
RYB	141, 151, 166
Decimal	9281446
CIELab	64.33, -4.83, -5.79
CIElCh	64, 7.539, 230.200
Yxy	33.2122, 0.2900, 0.3182
Android (android.graphics.Color)	4287471526 (0xFF8D9FA6)
YUV	154.4160, 5.7109, -11.7658
Hunter-Lab	57.6300, -7.1096, -1.7286

Details

The XYZ color **30.2656, 33.2122, 40.8918** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1237, 31.2098, 29.5837**, and the grayscale version is **30.8785, 32.4866, 35.3779**.

A 20% lighter version of the original color is **59.6034, 64.9157, 77.7952**, and **12.7142, 14.1642, 17.9834** is the 20% darker color. If you saturate the color by 10%, you get **26.8680, 30.2975, 40.5088**, and if you desaturate by 10%, it is **34.1183, 36.4078, 41.3061**.

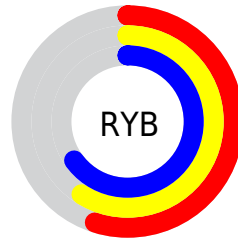
Distribution



Red (55%)

Green (62%)

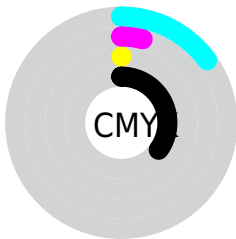
Blue (65%)



Red (55%)

Yellow (59%)

Blue (65%)

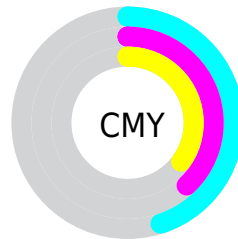


Cyan (15%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2656, 33.2122, 40.8918 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 30.2656, 33.2122, 40.8918 by changing the saturation by 10% instead.

■ 30.2656, 33.2122,
40.8918

■ 30.2656, 33.2122,
40.8918

295.0282,
316.6048, 365.5314

■ 20.1893, 22.2891,
27.9155

■ 59.4657, 64.7067,
77.7715

■ 12.6418, 14.0694,
18.0235

■ 79.3203, 86.0468,
102.5120

■ 7.2577, 8.1690,
10.7972

■ 103.1650,
111.6281, 132.0109

■ 3.6715, 4.2033,
5.8182

131.3652,
141.8348, 166.6868

■ 1.5180, 1.7879,
2.6679

164.2863,
177.0515, 206.9583

■ 0.3381, 0.4796,
0.9272

202.2935,

■ 0.0000, 0.0000,

217.6624, 253.2439

0.0000

245.7524,
264.0521, 305.9621

■ 30.2656, 33.2122,
40.8918

■ 30.2656, 33.2122,
40.8918

■ 26.8680, 30.2975,
40.5088

■ 34.1183, 36.4078,
41.3061

■ 23.9035, 27.6494,
40.1539

■ 38.4411, 39.8900,
41.7504

■ 21.3525, 25.2580,
39.8268

■ 43.2518, 43.6692,
42.2263

■ 19.1928, 23.1115,
39.5263

■ 48.5665, 47.7543,
42.7347

■ 17.4000, 21.1967,
39.2512

■ 54.4005, 52.1535,
43.2763

■ 15.9466, 19.4990,
39.0001

■ 60.7685, 56.8749,
43.8520

■ 14.8012, 18.0017,
38.7715

■ 66.8694, 61.5060,
44.4243

■ 13.9246, 16.6839,
38.5633

■ 67.9026, 63.5723,
44.7687

■ 13.5439, 16.0749,
38.4658

■ 68.9682, 65.7035,
45.1239

Harmonies

Analogous

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



29.6713, 33.2122, 38.2401



30.2656, 33.2122, 40.8918



31.2175, 33.2122, 42.2994

Triad

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



30.2656, 33.2122, 40.8918



33.6430, 33.2122, 37.1770



30.8606, 33.2122, 30.8986

Complementary

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



30.2656, 33.2122, 40.8918



31.1237, 31.2098, 29.5837

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.



31.9195, 33.2122, 30.6498



30.2656, 33.2122, 40.8918



33.5422, 33.2122, 34.1615

Square

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



30.2656, 33.2122, 40.8918



33.1780, 33.2122, 40.0758



32.9056, 33.2122, 31.8126



30.0094, 33.2122, 32.5125

Rectangle

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



30.2656, 33.2122, 40.8918



31.9337, 33.2122, 42.2914



32.9056, 33.2122, 31.8126



31.2035, 33.2122, 30.6562

Sweetspot

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



30.2666, 33.2136, 40.8925



61.8961, 66.0558, 74.9631



29.9403, 35.0633, 33.0693



13.7395, 14.6907, 16.7636



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.2666, 33.2136, 40.8925



52.8215, 58.4909, 73.9812



28.2759, 29.2322, 40.2290



7.5674, 8.1718, 9.5968



10.5433, 12.5467, 29.8416



0.2963, 0.3849, 0.7393

Inverse Universe

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



31.5095, 29.6607, 36.8669



55.5286, 50.8968, 65.1813



33.1339, 35.2301, 30.2537



7.7510, 7.6303, 9.0060



14.8224, 7.3377, 14.4080



0.3807, 0.1866, 0.4564

Previews

White Background



This preview shows how the XYZ color 30.2656, 33.2122, 40.8918 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 30.2656, 33.2122, 40.8918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

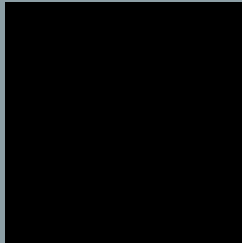
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

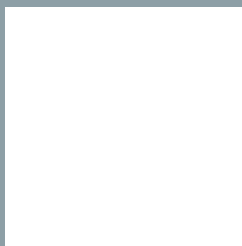
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2656, 33.2122, 40.8918

Background



This preview shows how black text looks on a background with the XYZ color 30.2656, 33.2122, 40.8918.

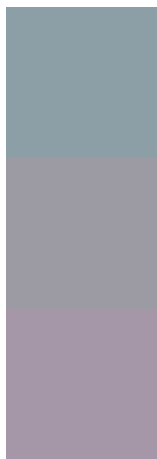


This preview shows how white text looks on a background with the XYZ color 30.2656, 33.2122,

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

30.2656, 33.2122, 40.8918

Protanopia

32.0425, 33.1550, 39.3611

Deuteranopia

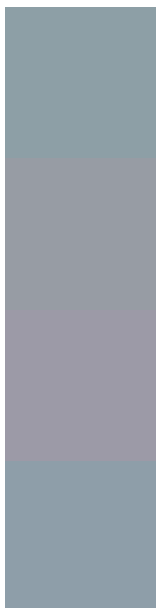
33.6515, 32.9597, 41.6340



Tritanopia

30.7329, 33.1448, 43.3059

Trichromacy



Original Color

30.2656, 33.2122, 40.8918

Protanomaly

31.3518, 33.0366, 39.8462

Deuteranomaly

32.2410, 32.9691, 41.2236

Tritanomaly

30.5436, 33.0691, 42.3093

Monochromacy



Original Color

30.2656, 33.2122, 40.8918

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.4544, 32.6351, 37.0418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2656, 33.2122, 40.8918 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(141, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(141, 159, 166)  
}
```

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(141, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 159, 166) }
```

Border

The CSS property to change the border of an element to XYZ 30.2656, 33.2122, 40.8918 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(141, 159, 166) }
```


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

```
.border{ border-color:rgb(141, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(141, 159,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2656, 33.2122, 40.8918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 159, 166) }
```

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

```
.background{ background-color: rgb(141,  
159, 166) }
```

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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