

Converting Colors

XYZ(28.2091, 32.1394, 38.5576)

Have a look what the booklet for
XYZ(28.2091, 32.1394, 38.5576)
contains.

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Color

**XYZ(28.1912, 32.1948,
38.4466)**

Conversions

Conversions Part 1

Format	Color
Hex	839FA1
RGB	131, 159, 161
RGB Percent	51%, 62%, 63%
CMY	0.4863, 0.3765, 0.3686
CMYK	0.19, 0.01, 0.00, 0.37
HSL	184°, 14%, 57%
HSV	184°, 19%, 63%
XYZ	28.1912, 32.1948, 38.4466
YIQ	150.8560, -17.3300, -5.3140

Conversions

Conversions Part 2

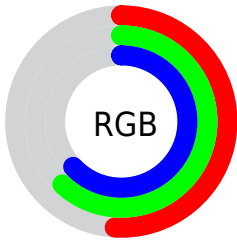
Format	Color
RYB	131, 145, 161
Decimal	8626081
CIELab	63.50, -9.24, -4.29
CIElCh	64, 10.185, 204.884
Yxy	32.1948, 0.2852, 0.3258
Android (android.graphics.Color)	4286816161 (0xFF839FA1)
YUV	150.8560, 5.0010, -17.4137
Hunter-Lab	56.7405, -10.6090, -0.4558

Details

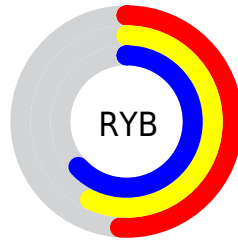
The XYZ color **28.1912, 32.1948, 38.4466** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.1824, 25.9907, 25.0572**, and the grayscale version is **29.3392, 30.8671, 33.6143**.

A 20% lighter version of the original color is **56.2084, 63.2413, 74.2100**, and **11.5704, 13.6002, 16.7671** is the 20% darker color. If you saturate the color by 10%, you get **25.7055, 30.6417, 38.2784**, and if you desaturate by 10%, it is **31.0679, 33.9535, 38.6350**.

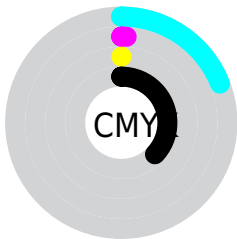
Distribution



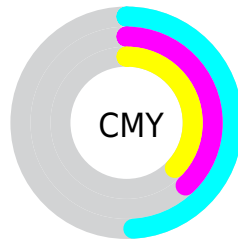
- Red (51%)
- Green (62%)
- Blue (63%)



- Red (51%)
- Yellow (57%)
- Blue (63%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (37%)



- Cyan (49%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1912, 32.1948, 38.4466 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 28.1912, 32.1948, 38.4466 by changing the saturation by 10% instead.

■ 28.1912, 32.1948,
38.4466

■ 28.1912, 32.1948,
38.4466

285.4430,
312.0057, 354.8874

■ 18.6110, 21.5103,
26.0250

■ 56.1961, 63.1163,
74.0031

■ 11.4919, 13.4975,
16.6164

■ 75.3515, 84.1222,
97.9751

■ 6.4684, 7.7720,
9.8023

■ 98.4293, 109.3373,
126.6343

■ 3.1753, 3.9494,
5.1642

125.7950,
139.1461, 160.3993

■ 1.2471, 1.6453,
2.2835

157.8139,
173.9330, 199.6885

■ 0.1431, 0.3879,
0.7220

194.8512,

■ 0.0000, 0.0000,

214.0822, 244.9206

0.0000

237.2725,
259.9783, 296.5140

■ 28.1912, 32.1948,
38.4466

■ 28.1912, 32.1948,
38.4466

■ 25.7055, 30.6417,
38.2784

■ 31.0679, 33.9535,
38.6350

■ 23.5902, 29.2811,
38.1272

■ 34.3494, 35.9224,
38.8421

■ 21.8269, 28.1043,
37.9930

■ 38.0524, 38.1111,
39.0693

■ 20.3946, 27.1005,
37.8747

■ 42.1918, 40.5271,
39.3175

■ 19.2701, 26.2577,
37.7713

■ 46.7818, 43.1777,
39.5872

■ 18.4272, 25.5625,
37.6816

■ 51.8358, 46.0700,
39.8791

■ 17.8353, 24.9989,
37.6040

■ 57.3668, 49.2106,
40.1938

■ 17.4353, 24.5366,
37.5358

■ 61.5984, 51.6837,
40.4481

■ 17.3843, 24.4755,
37.5267

■ 61.7965, 52.0799,
40.5141

Harmonies

Analogous

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



27.9623, 32.1948, 34.3625



28.1912, 32.1948, 38.4466



29.0574, 32.1948, 41.8429

Triad

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



28.1912, 32.1948, 38.4466



32.8867, 32.1948, 39.7444



30.8441, 32.1948, 27.8335

Complementary

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



28.1912, 32.1948, 38.4466



27.1824, 25.9907, 25.0572

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.



32.1967, 32.1948, 29.0435



28.1912, 32.1948, 38.4466



33.3990, 32.1948, 35.7560

Square

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



28.1912, 32.1948, 38.4466



31.7627, 32.1948, 42.6318



33.1427, 32.1948, 31.8683



29.4664, 32.1948, 28.4332

Rectangle

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



28.1912, 32.1948, 38.4466



29.8942, 32.1948, 43.1524



33.1427, 32.1948, 31.8683



31.3172, 32.1948, 28.0392

Sweetspot

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



28.1921, 32.1961, 38.4473



57.0508, 61.6595, 69.2811



26.3046, 31.9952, 26.7994



12.4378, 13.4781, 15.1896



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.



28.1921, 32.1961, 38.4473



48.7255, 56.5656, 68.7367



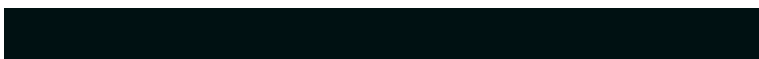
25.8427, 27.4973, 37.6642



7.2356, 7.9301, 9.0524



13.8958, 19.5710, 29.9750



0.3032, 0.4337, 0.6336

Inverse Universe

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



29.0730, 26.3135, 36.3492



50.5825, 44.2571, 64.2925



29.3068, 30.2396, 25.7654



7.3439, 7.1940, 8.7972



16.1594, 7.8198, 23.8280



0.3452, 0.1666, 0.5305

Previews

White Background



This preview shows how the XYZ color 28.1912, 32.1948, 38.4466 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 28.1912, 32.1948, 38.4466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

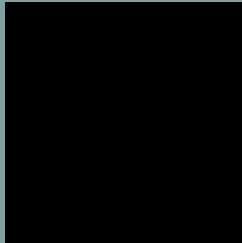
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.1912, 32.1948, 38.4466

Background



This preview shows how black text looks on a background with the XYZ color 28.1912, 32.1948, 38.4466.

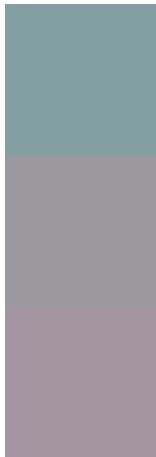


This preview shows how white text looks on a background with the XYZ color 28.1912, 32.1948,

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

28.1912, 32.1948, 38.4466

Protanopia

30.9946, 32.1853, 36.4771

Deuteranopia

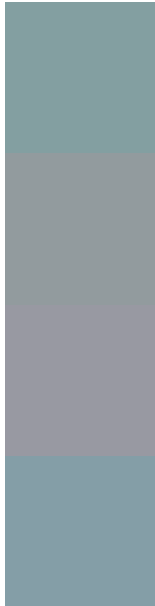
32.6681, 32.0317, 39.1113



Tritanopia

29.1554, 32.3425, 42.7363

Trichromacy



Original Color

28.1912, 32.1948, 38.4466

Protanomaly

29.7470, 32.0223, 36.9608

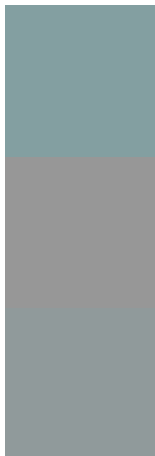
Deuteranomaly

30.8617, 32.0665, 38.7453

Tritanomaly

28.7176, 32.1493, 41.2511

Monochromacy



Original Color

28.1912, 32.1948, 38.4466

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.9736, 31.4071, 35.5454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1912, 32.1948, 38.4466 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(131, 159, 161)` looks like.

```
.text, #text, p{  
    color:rgb(131, 159, 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(131, 159, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 159, 161) }
```

Border

The CSS property to change the border of an element to XYZ 28.1912, 32.1948, 38.4466 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(131, 159, 161) }
```


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

```
.border{ border-color:rgb(131, 159, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 159, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 159, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 159, 161);  
box-shadow:4px 4px 4px 4px rgb(131, 159,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1912, 32.1948, 38.4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 159, 161) }
```

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

```
.background{ background-color: rgb(131,  
159, 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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