

Converting Colors

XYZ(29.1872, 33.7858, 41.8082)

Have a look what the booklet for
XYZ(29.1872, 33.7858, 41.8082)
contains.

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Color

**XYZ(29.2183, 33.6887,
42.0084)**

Conversions

Conversions Part 1

Format	Color
Hex	81A3A8
RGB	129, 163, 168
RGB Percent	51%, 64%, 66%
CMY	0.4941, 0.3608, 0.3412
CMYK	0.23, 0.03, 0.00, 0.34
HSL	188°, 18%, 58%
HSV	188°, 23%, 66%
XYZ	29.2183, 33.6887, 42.0084
YIQ	153.4040, -21.8690, -5.6530

Conversions

Conversions Part 2

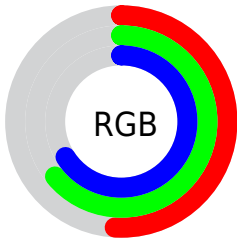
Format	Color
RYB	129, 147, 168
Decimal	8496040
CIELab	64.71, -10.46, -6.43
CIElCh	65, 12.280, 211.602
Yxy	33.6887, 0.2785, 0.3211
Android (android.graphics.Color)	4286686120 (0xFF81A3A8)
YUV	153.4040, 7.1958, -21.4023
Hunter-Lab	58.0420, -11.7166, -2.2823

Details

The XYZ color **29.2183, 33.6887, 42.0084** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.6362, 26.9599, 24.4639**, and the grayscale version is **30.4315, 32.0163, 34.8658**.

A 20% lighter version of the original color is **57.9191, 65.5378, 79.4094**, and **12.0613, 14.2921, 18.6460** is the 20% darker color. If you saturate the color by 10%, you get **26.4945, 31.7227, 41.7730**, and if you desaturate by 10%, it is **32.3702, 35.8867, 42.2671**.

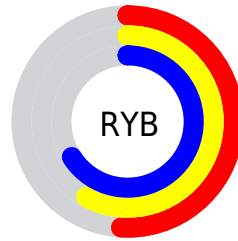
Distribution



Red (51%)

Green (64%)

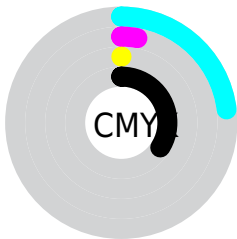
Blue (66%)



Red (51%)

Yellow (58%)

Blue (66%)

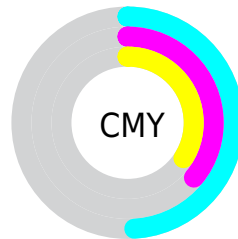


Cyan (23%)

Magenta (3%)

Yellow (0%)

Black (34%)



Cyan (49%)

Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2183, 33.6887, 42.0084 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 29.2183, 33.6887, 42.0084 by changing the saturation by 10% instead.

■ 29.2183, 33.6887,
42.0084

■ 29.2183, 33.6887,
42.0084

290.2192,
318.7417, 370.3184

■ 19.3911, 22.6546,
28.7822

■ 57.8189, 65.4493,
79.4826

■ 12.0589, 14.3386,
18.6720

■ 77.3231, 86.9445,
104.5677

■ 6.8563, 8.3566,
11.2591

■ 100.7836,
112.6955, 134.4428

■ 3.4179, 4.3239,
6.1250

128.5658,
143.0868, 169.5266

■ 1.3784, 1.8564,
2.8512

161.0352,
178.5026, 210.2375

■ 0.2408, 0.5219,
1.0192

198.5569,

■ 0.0000, 0.0000,

219.3275, 256.9941

0.0000

241.4965,
265.9457, 310.2149

■ 29.2183, 33.6887,
42.0084

■ 29.2183, 33.6887,
42.0084

■ 26.4945, 31.7227,
41.7730

■ 32.3702, 35.8867,
42.2671

■ 24.1753, 29.9741,
41.5578

■ 35.9663, 38.3226,
42.5477

■ 22.2395, 28.4326,
41.3623

■ 40.0255, 41.0070,
42.8519

■ 20.6626, 27.0857,
41.1854

■ 44.5649, 43.9488,
43.1805

■ 19.4173, 25.9193,
41.0259

■ 49.6004, 47.1561,
43.5342

■ 18.4725, 24.9172,
40.8822

■ 55.1474, 50.6371,
43.9137

■ 17.7908, 24.0600,
40.7527

■ 61.2207, 54.3992,
44.3198

■ 17.4199, 23.5309,
40.6702

■ 64.6750, 56.8212,
44.6052

■ 65.1137, 57.6987,
44.7514

Harmonies

Analogous

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



28.7491, 33.6887, 36.9533



29.2183, 33.6887, 42.0084



30.4345, 33.6887, 45.9031

Triad

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



29.2183, 33.6887, 42.0084



35.0962, 33.6887, 41.4959



31.9254, 33.6887, 27.8059

Complementary

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



29.2183, 33.6887, 42.0084



28.6362, 26.9599, 24.4639

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.



33.6598, 33.6887, 28.7854



29.2183, 33.6887, 42.0084



35.5303, 33.6887, 36.4105

Square

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



29.2183, 33.6887, 42.0084



33.8298, 33.6887, 45.5887



34.9955, 33.6887, 31.8247



30.2761, 33.6887, 29.0170

Rectangle

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



29.2183, 33.6887, 42.0084



31.5274, 33.6887, 47.1503



34.9955, 33.6887, 31.8247



32.5179, 33.6887, 27.8894

Sweetspot

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



29.2193, 33.6901, 42.0092



62.6123, 67.7579, 77.0037



27.3282, 34.3817, 27.5866



13.5668, 14.7142, 16.7772



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.



29.2193, 33.6901, 42.0092



50.3074, 59.1920, 75.9988



26.0874, 27.4262, 40.9652



7.6643, 8.3656, 9.6291



13.1807, 17.8216, 30.7207



0.3427, 0.4776, 0.7548

Inverse Universe

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



30.6103, 26.6703, 38.1865



53.3249, 44.2497, 67.6424



31.5109, 32.7092, 25.4221



7.7999, 7.6498, 9.2636



16.1536, 7.8702, 21.4182



0.4041, 0.1959, 0.5796

Previews

White Background



This preview shows how the XYZ color 29.2183, 33.6887, 42.0084 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 29.2183, 33.6887, 42.0084 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 29.2183, 33.6887, 42.0084

Background



This preview shows how black text looks on a background with the XYZ color 29.2183, 33.6887, 42.0084.



This preview shows how white text looks on a background with the XYZ color 29.2183, 33.6887,

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

29.2183, 33.6887, 42.0084

Protanopia

32.4939, 33.6254, 39.8997

Deuteranopia

34.0010, 33.3581, 42.6769



Tritanopia

29.8641, 33.6816, 45.4846

Trichromacy



Original Color

29.2183, 33.6887, 42.0084

Protanomaly

31.2223, 33.7159, 40.4595

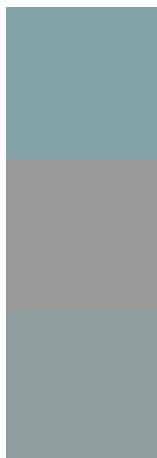
Deuteranomaly

31.9988, 33.3169, 42.2804

Tritanomaly

29.5726, 33.5650, 43.9498

Monochromacy



Original Color

29.2183, 33.6887, 42.0084

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.7301, 32.5119, 37.0562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2183, 33.6887, 42.0084 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(129, 163, 168)` looks like.

```
.text, #text, p{  
    color:rgb(129, 163, 168)  
}
```

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(129, 163, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 163, 168) }
```

Border

The CSS property to change the border of an element to XYZ 29.2183, 33.6887, 42.0084 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(129, 163, 168) }
```


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

```
.border{ border-color:rgb(129, 163, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 163, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 163, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 163, 168);  
box-shadow:4px 4px 4px 4px rgb(129, 163,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2183, 33.6887, 42.0084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 163, 168) }
```

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

```
.background{ background-color: rgb(129,  
163, 168) }
```

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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