

Converting Colors

XYZ(29.5920, 33.2687, 35.7050)

Have a look what the booklet for
XYZ(29.5920, 33.2687, 35.7050)
contains.

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Color

**XYZ(29.6425, 33.2590,
35.8676)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA09B
RGB	142, 160, 155
RGB Percent	56%, 63%, 61%
CMY	0.4431, 0.3725, 0.3922
CMYK	0.11, 0.00, 0.03, 0.37
HSL	163°, 9%, 59%
HSV	163°, 11%, 63%
XYZ	29.6425, 33.2590, 35.8676
YIQ	154.0480, -9.1230, -5.3710

Conversions

Conversions Part 2

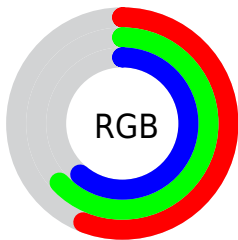
Format	Color
RYB	142, 152, 160
Decimal	9347227
CIELab	64.37, -7.35, 0.44
CIELCh	64, 7.361, 176.554
Yxy	33.2590, 0.3001, 0.3367
Android (android.graphics.Color)	4287537307 (0xFF8EA09B)
YUV	154.0480, 0.4693, -10.5661
Hunter-Lab	57.6706, -9.1752, 3.4947

Details

The XYZ color **29.6425, 33.2590, 35.8676** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4379, 28.9270, 31.6372**, and the grayscale version is **30.7379, 32.3386, 35.2168**.

A 20% lighter version of the original color is **58.5740, 64.9401, 69.7691**, and **12.3810, 14.2121, 15.1874** is the 20% darker color. If you saturate the color by 10%, you get **26.7255, 31.7985, 33.8181**, and if you desaturate by 10%, it is **32.9692, 34.9309, 38.0095**.

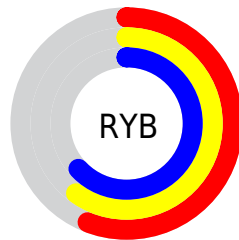
Distribution



Red (56%)

Green (63%)

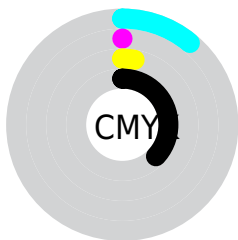
Blue (61%)



Red (56%)

Yellow (60%)

Blue (63%)

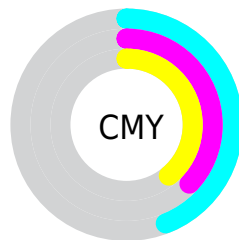


Cyan (11%)

Magenta (0%)

Yellow (3%)

Black (37%)



Cyan (44%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6425, 33.2590, 35.8676 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 29.6425, 33.2590, 35.8676 by changing the saturation by 10% instead.

■ 29.6425, 33.2590,
35.8676

■ 29.6425, 33.2590,
35.8676

292.1743,
316.8152, 343.4014

■ 19.7141, 22.3249,
24.0431

■ 58.4869, 64.7797,
69.9944

■ 12.2945, 14.0958,
15.1531

■ 78.1336, 86.1351,
93.1338

■ 7.0182, 8.1874,
8.7791

■ 101.7504,
111.7330, 120.8818

■ 3.5199, 4.2151,
4.5025

129.7028,
141.9580, 153.6571

■ 1.4343, 1.7946,
1.9049

162.3560,
177.1943, 191.8782

■ 0.2805, 0.4838,
0.4958

200.0754,

■ 0.0000, 0.0000,

217.8263, 235.9635

0.0000

243.2264,
264.2385, 286.3318

■ 29.6425, 33.2590,
35.8676

■ 29.6425, 33.2590,
35.8676

■ 26.7255, 31.7985,
33.8181

■ 32.9692, 34.9309,
38.0095

■ 24.1986, 30.5366,
31.8571

■ 36.7186, 36.8183,
40.2430

■ 22.0447, 29.4655,
29.9839

■ 40.9068, 38.9302,
42.5703

■ 20.2442, 28.5750,
28.1967

■ 45.5479, 41.2740,
44.9928

■ 18.7757, 27.8541,
26.4937

■ 50.6556, 43.8566,
47.5119

■ 17.6157, 27.2908,
24.8730

■ 56.2428, 46.6848,
50.1289

■ 16.7372, 26.8711,
23.3325

■ 62.3221, 49.7649,
52.8450

■ 16.1082, 26.5786,
21.8699

■ 63.1683, 50.1457,
55.3931

■ 15.6972, 26.3932,
20.6504

■ 63.6638, 50.3439,
58.0022

Harmonies

Analogous

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



29.9598, 33.2590, 33.1247



29.6425, 33.2590, 35.8676



29.8431, 33.2590, 38.8552

Triad

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



29.6425, 33.2590, 35.8676



32.5211, 33.2590, 41.6252



32.7354, 33.2590, 31.6081

Complementary

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



29.6425, 33.2590, 35.8676



29.4379, 28.9270, 31.6372

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.



33.4488, 33.2590, 33.6942



29.6425, 33.2590, 35.8676



33.3232, 33.2590, 39.4883

Square

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



29.6425, 33.2590, 35.8676



31.4907, 33.2590, 42.2852



33.6662, 33.2590, 36.5614



31.7330, 33.2590, 30.7526

Rectangle

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



29.6425, 33.2590, 35.8676



30.2460, 33.2590, 40.5672



33.6662, 33.2590, 36.5614



33.0178, 33.2590, 32.1828

Sweetspot

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



29.6434, 33.2604, 35.8683



58.7127, 62.8447, 68.2962



29.5049, 33.3084, 30.4656



12.7699, 13.7292, 14.9112



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.



29.6434, 33.2604, 35.8683



52.1454, 59.5478, 63.9824



29.4068, 32.1007, 37.9056



6.7432, 7.4780, 8.0821



12.2466, 20.5666, 16.1873



0.2358, 0.3745, 0.3779

Inverse Universe

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



29.4379, 28.9270, 31.6372



51.6818, 49.7714, 54.4377



29.6442, 29.9544, 29.8109



6.7050, 6.6749, 7.2979



11.6707, 5.9729, 2.5170



0.2252, 0.1134, 0.1321

Previews

White Background



This preview shows how the XYZ color 29.6425, 33.2590, 35.8676 looks on a white background.

Color Contrast Check

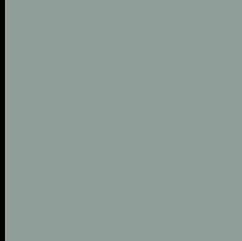
Large Text (above 18pt) WCAG AA × Fail

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 29.6425, 33.2590, 35.8676 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

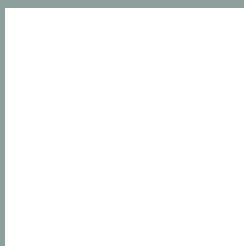
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6425, 33.2590, 35.8676

Background



This preview shows how black text looks on a background with the XYZ color 29.6425, 33.2590, 35.8676.



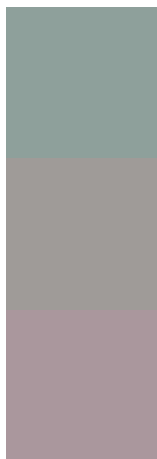
This preview shows how white text looks on a background with the XYZ color 29.6425, 33.2590,

35.8676.

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

29.6425, 33.2590, 35.8676

Protanopia

31.6869, 33.0806, 34.4209

Deuteranopia

33.7300, 33.1136, 36.5121



Tritanopia

31.1596, 33.3757, 42.8301

Trichromacy



Original Color

29.6425, 33.2590, 35.8676

Protanomaly

30.9436, 33.1862, 34.9117

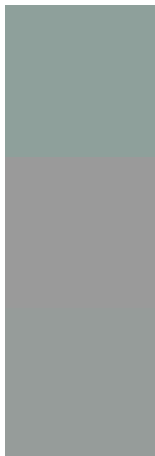
Deuteranomaly

32.0536, 32.9851, 36.1298

Tritanomaly

30.6913, 33.4422, 40.4347

Monochromacy



Original Color

29.6425, 33.2590, 35.8676

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2989, 32.5941, 35.2662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6425, 33.2590, 35.8676 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(142, 160, 155)` looks like.

```
.text, #text, p{  
    color:rgb(142, 160, 155)  
}
```

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(142, 160, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 160, 155) }
```

Border

The CSS property to change the border of an element to XYZ 29.6425, 33.2590, 35.8676 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(142, 160, 155) }
```


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

```
.border{ border-color:rgb(142, 160, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 160, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 160, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 160, 155); box-shadow:4px 4px 4px 4px rgb(142, 160, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6425, 33.2590, 35.8676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 160, 155) }
```

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

```
.background{ background-color: rgb(142,  
160, 155) }
```

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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