

Converting Colors

XYZ(29.6081, 32.1180, 35.5755)

Have a look what the booklet for
XYZ(29.6081, 32.1180, 35.5755)
contains.

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Color

**XYZ(29.6589, 32.2545,
35.6729)**

Conversions

Conversions Part 1

Format	Color
Hex	929C9B
RGB	146, 156, 155
RGB Percent	57%, 61%, 61%
CMY	0.4274, 0.3882, 0.3922
CMYK	0.06, 0.00, 0.01, 0.39
HSL	174°, 5%, 59%
HSV	174°, 6%, 61%
XYZ	29.6589, 32.2545, 35.6729
YIQ	152.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

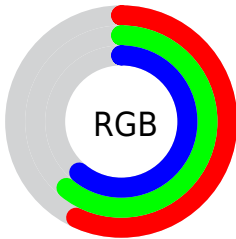
Format	Color
RYB	146, 151, 156
Decimal	9608347
CIELab	63.55, -3.76, -0.72
CIELCh	64, 3.830, 190.782
Yxy	32.2545, 0.3039, 0.3305
Android (android.graphics.Color)	4287798427 (0xFF929C9B)
YUV	152.8960, 1.0373, -6.0478
Hunter-Lab	56.7930, -6.1702, 2.5138

Details

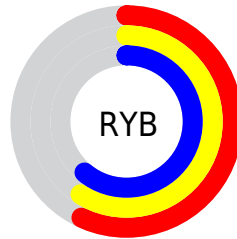
The XYZ color **29.6589, 32.2545, 35.6729** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.2568, 29.7331, 31.8023**, and the grayscale version is **30.2312, 31.8056, 34.6362**.

A 20% lighter version of the original color is **58.3746, 62.9760, 69.4005**, and **12.3741, 13.5894, 15.0675** is the 20% darker color. If you saturate the color by 10%, you get **26.9426, 30.8701, 34.8653**, and if you desaturate by 10%, it is **32.7572, 33.8374, 36.5086**.

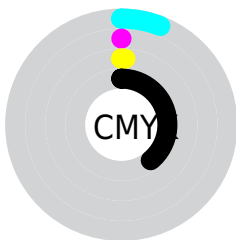
Distribution



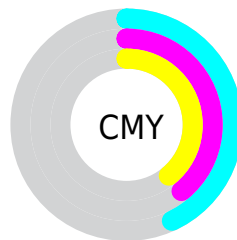
- Red (57%)
- Green (61%)
- Blue (61%)



- Red (57%)
- Yellow (59%)
- Blue (61%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (43%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6589, 32.2545, 35.6729 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 29.6589, 32.2545, 35.6729 by changing the saturation by 10% instead.

■ 29.6589, 32.2545,
35.6729

■ 29.6589, 32.2545,
35.6729

292.2497,
312.2770, 342.5227

■ 19.7266, 21.5560,
23.8940

■ 58.5127, 63.2099,
69.6902

■ 12.3036, 13.5310,
15.0435

■ 78.1649, 84.2355,
92.7658

■ 7.0244, 7.7952,
8.7030

101.7877,
109.4722, 120.4439

■ 3.5239, 3.9642,
4.4538

129.7466,
139.3045, 153.1432

■ 1.4365, 1.6535,
1.8775

162.4069,
174.1167, 191.2821

■ 0.2820, 0.3933,
0.4783

200.1340,

■ 0.0000, 0.0000,

214.2933, 235.2794

0.0000

243.2931,
260.2186, 285.5533

■ 29.6589, 32.2545,
35.6729

■ 29.6589, 32.2545,
35.6729

■ 26.9426, 30.8701,
34.8653

■ 32.7572, 33.8374,
36.5086

■ 24.5902, 29.6724,
34.0829

■ 36.2492, 35.6221,
37.3710

■ 22.5866, 28.6541,
33.3256

■ 40.1492, 37.6170,
38.2614

■ 20.9141, 27.8064,
32.5926

■ 44.4704, 39.8287,
39.1805

■ 19.5537, 27.1194,
31.8830

■ 49.2251, 42.2638,
40.1289

■ 18.4846, 26.5824,
31.1957

■ 54.4252, 44.9283,
41.1072

■ 17.6831, 26.1831,
30.5296

■ 60.0071, 47.7894,
42.1124

■ 17.1221, 25.9076,
29.8834

■ 60.1514, 47.8471,
42.8722

■ 16.7615, 25.7353,
29.2552

■ 60.2975, 47.9055,
43.6413

Harmonies

Analogous

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



29.6972, 32.2545, 34.1602



29.6589, 32.2545, 35.6729



29.8857, 32.2545, 37.0765

Triad

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



29.6589, 32.2545, 35.6729



31.3328, 32.2545, 37.3946



30.9963, 32.2545, 32.4144

Complementary

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



29.6589, 32.2545, 35.6729



29.2568, 29.7331, 31.8023

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.



31.4413, 32.2545, 33.2329



29.6589, 32.2545, 35.6729



31.6372, 32.2545, 36.0969

Square

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



29.6589, 32.2545, 35.6729



30.8495, 32.2545, 38.0895



31.6771, 32.2545, 34.5722



30.4652, 32.2545, 32.3083

Rectangle

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



29.6589, 32.2545, 35.6729



30.1583, 32.2545, 37.7503



31.6771, 32.2545, 34.5722



31.1611, 32.2545, 32.6142

Sweetspot

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



29.6598, 32.2559, 35.6736



56.2410, 59.7941, 65.4471



29.1402, 32.0721, 31.8492



12.3906, 13.1650, 14.4053



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.6598, 32.2559, 35.6736



52.9570, 58.1180, 64.5302



29.1110, 31.0230, 35.9079



6.7932, 7.4980, 8.3455



13.7209, 21.1563, 23.9509



0.2528, 0.3813, 0.4675

Inverse Universe

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



29.2568, 29.7331, 31.8023



52.0364, 52.3551, 55.6870



29.7795, 30.9038, 31.5900



6.6587, 6.6564, 7.0540



11.3745, 5.8544, 0.9572



0.2103, 0.1075, 0.0537

Previews

White Background



This preview shows how the XYZ color 29.6589, 32.2545, 35.6729 looks on a white background.

Color Contrast Check

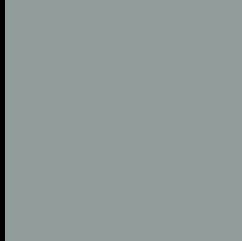
Large Text (above 18pt) WCAG AA × Fail

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 29.6589, 32.2545, 35.6729 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

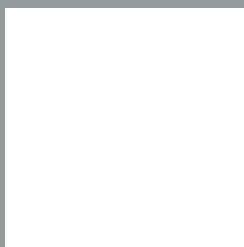
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6589, 32.2545, 35.6729

Background



This preview shows how black text looks on a background with the XYZ color 29.6589, 32.2545, 35.6729.



This preview shows how white text looks on a background with the XYZ color 29.6589, 32.2545,

35.6729.

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

29.6589, 32.2545, 35.6729

Protanopia

30.8513, 32.1503, 34.7166

Deuteranopia

32.6845, 32.1107, 35.9278



Tritanopia

30.6513, 32.1603, 40.6685

Trichromacy



Original Color

29.6589, 32.2545, 35.6729

Protanomaly

30.3372, 32.1197, 35.1726

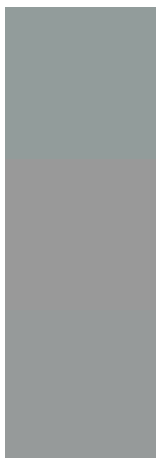
Deuteranomaly

31.5271, 32.2277, 36.0114

Tritanomaly

30.2756, 32.2544, 38.8124

Monochromacy



Original Color

29.6589, 32.2545, 35.6729

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.9660, 31.9283, 35.1553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6589, 32.2545, 35.6729 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(146, 156, 155)` looks like.

```
.text, #text, p{  
    color:rgb(146, 156, 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(146, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 156, 155) }
```

Border

The CSS property to change the border of an element to XYZ 29.6589, 32.2545, 35.6729 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(146, 156, 155) }
```


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

```
.border{ border-color:rgb(146, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(146, 156,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6589, 32.2545, 35.6729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 156, 155) }
```

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

```
.background{ background-color: rgb(146,  
156, 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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