

Converting Colors

XYZ(29.2237, 35.4983, 35.8161)

Have a look what the booklet for
XYZ(29.2237, 35.4983, 35.8161)
contains.

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Color

**XYZ(29.2266, 35.4549,
35.8749)**

Conversions

Conversions Part 1

Format	Color
Hex	82A99A
RGB	130, 169, 154
RGB Percent	51%, 66%, 60%
CMY	0.4902, 0.3372, 0.3961
CMYK	0.23, 0.00, 0.09, 0.34
HSL	157°, 18%, 59%
HSV	157°, 23%, 66%
XYZ	29.2266, 35.4549, 35.8749
YIQ	155.6290, -18.4290, -12.9330

Conversions

Conversions Part 2

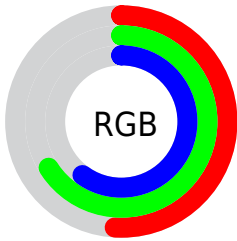
Format	Color
RYB	130, 154, 169
Decimal	8563098
CIELab	66.10, -16.40, 3.42
CIELCh	66, 16.756, 168.230
Yxy	35.4549, 0.2906, 0.3526
Android (android.graphics.Color)	4286753178 (0xFF82A99A)
YUV	155.6290, -0.8031, -22.4766
Hunter-Lab	59.5440, -16.5870, 5.9590

Details

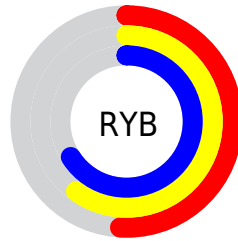
The XYZ color **29.2266, 35.4549, 35.8749** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.4569, 26.4454, 30.3415**, and the grayscale version is **31.4448, 33.0824, 36.0267**.

A 20% lighter version of the original color is **57.8080, 68.0557, 69.7638**, and **12.1177, 15.4073, 15.1672** is the 20% darker color. If you saturate the color by 10%, you get **26.3175, 34.0170, 32.9890**, and if you desaturate by 10%, it is **32.5928, 37.1269, 38.9368**.

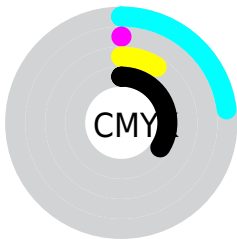
Distribution



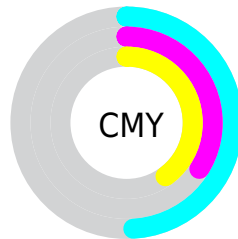
- Red (51%)
- Green (66%)
- Blue (60%)



- Red (51%)
- Yellow (60%)
- Blue (66%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)
- Black (34%)





- Cyan (49%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2266, 35.4549, 35.8749 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 29.2266, 35.4549, 35.8749 by changing the saturation by 10% instead.


 29.2266, 35.4549,
35.8749


 29.2266, 35.4549,
35.8749


290.2576,
326.5717, 343.4343

 19.3975, 24.0135,
24.0487


 57.8320, 68.1899,
70.0058

 12.0635, 15.3436,
15.1572


 77.3389, 90.2523,
93.1476

 6.8595, 9.0609,
8.7819


 100.8025,
116.6237, 120.8982

 3.4199, 4.7809,
4.5044

128.5881,
147.6887, 153.6764

 1.3795, 2.1193,
1.9059

161.0611,
183.8316, 191.9005

 0.2416, 0.6755,
0.4965

198.5867,

 0.0000, 0.0000,

225.4368, 235.9892

0.0000

241.5304,
272.8887, 286.3609

■ 29.2266, 35.4549,
35.8749

■ 29.2266, 35.4549,
35.8749

■ 26.3175, 34.0170,
32.9890

■ 32.5928, 37.1269,
38.9368

■ 23.8413, 32.7981,
30.2733

■ 36.4330, 39.0389,
42.1756

■ 21.7761, 31.7877,
27.7250

■ 40.7666, 41.2018,
45.5952

■ 20.0966, 30.9729,
25.3406

■ 45.6114, 43.6246,
49.1988

■ 18.7747, 30.3393,
23.1160

■ 50.9840, 46.3160,
52.9892

■ 17.7784, 29.8704,
21.0472

■ 56.9003, 49.2840,
56.9694

■ 17.0693, 29.5466,
19.1295

■ 63.3756, 52.5364,
61.1421

■ 16.6871, 29.3767,
17.8864

■ 66.5702, 54.0939,
65.3299

■ 67.3766, 54.4165,
69.5764

Harmonies

Analogous

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



30.2534, 35.4549, 30.1734



29.2266, 35.4549, 35.8749



29.3537, 35.4549, 43.0536

Triad

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



29.2266, 35.4549, 35.8749



35.2185, 35.4549, 53.1439



36.9891, 35.4549, 29.2561

Complementary

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



29.2266, 35.4549, 35.8749



29.4569, 26.4454, 30.3415

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.



38.4528, 35.4549, 34.4727



29.2266, 35.4549, 35.8749



37.3964, 35.4549, 48.4754

Square

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



29.2266, 35.4549, 35.8749



32.7318, 35.4549, 53.6402



38.6055, 35.4549, 41.4689



34.6847, 35.4549, 26.6789

Rectangle

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



29.2266, 35.4549, 35.8749



30.0768, 35.4549, 47.7242



38.6055, 35.4549, 41.4689



37.6005, 35.4549, 30.7273

Sweetspot

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



29.2276, 35.4564, 35.8757



62.3582, 68.4741, 73.1443



30.0015, 36.0636, 26.4992



13.5073, 14.8825, 15.8717



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.



29.2276, 35.4564, 35.8757



49.4175, 62.0493, 61.4064



29.8417, 34.5582, 42.6355



7.6234, 8.4824, 9.0030



12.4630, 21.9039, 13.4707



0.3271, 0.5425, 0.4533

Inverse Universe

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



29.4569, 26.4454, 30.3415



49.9064, 42.8823, 49.6405



28.9038, 27.0701, 24.8212



7.6461, 7.5883, 8.4535



12.9304, 6.5809, 4.4453



0.3397, 0.1701, 0.2403

Previews

White Background



This preview shows how the XYZ color 29.2266, 35.4549, 35.8749 looks on a white background.

Color Contrast Check

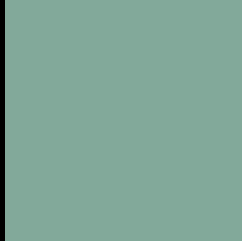
Large Text (above 18pt) WCAG AA × Fail

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 29.2266, 35.4549, 35.8749 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

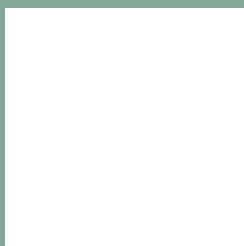
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2266, 35.4549, 35.8749

Background



This preview shows how black text looks on a background with the XYZ color 29.2266, 35.4549, 35.8749.



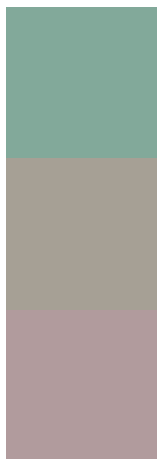
This preview shows how white text looks on a background with the XYZ color 29.2266, 35.4549,

35.8749.

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

29.2266, 35.4549, 35.8749

Protanopia

33.7215, 35.4185, 33.4929

Deuteranopia

35.9386, 35.2241, 36.8031



Tritanopia

31.5835, 35.3158, 47.7998

Trichromacy



Original Color

29.2266, 35.4549, 35.8749

Protanomaly

31.8200, 35.2011, 34.3955

Deuteranomaly

33.0688, 35.0155, 36.4682

Tritanomaly

30.5648, 35.1613, 43.2061

Monochromacy



Original Color

29.2266, 35.4549, 35.8749

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.6939, 34.0593, 35.9667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2266, 35.4549, 35.8749 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(130, 169, 154)` looks like.

```
.text, #text, p{  
    color:rgb(130, 169, 154)  
}
```

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(130, 169, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 169, 154) }
```

Border

The CSS property to change the border of an element to XYZ 29.2266, 35.4549, 35.8749 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(130, 169, 154) }
```


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

```
.border{ border-color:rgb(130, 169, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 169, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 169, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 169, 154); box-shadow:4px 4px 4px 4px rgb(130, 169, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2266, 35.4549, 35.8749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 169, 154) }
```

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

```
.background{ background-color: rgb(130,  
169, 154) }
```

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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