

Converting Colors

XYZ(29.0813, 35.1960, 29.3764)

Have a look what the booklet for
XYZ(29.0813, 35.1960, 29.3764)
contains.

XYZ(29.0713, 35.2435, 29.3152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.0713, 35.2435,
29.3152)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA88A
RGB	138, 168, 138
RGB Percent	54%, 66%, 54%
CMY	0.4588, 0.3412, 0.4588
CMYK	0.18, 0.00, 0.18, 0.34
HSL	120°, 15%, 60%
HSV	120°, 18%, 66%
XYZ	29.0713, 35.2435, 29.3152
YIQ	155.6100, -8.2500, -15.6900

Conversions

Conversions Part 2

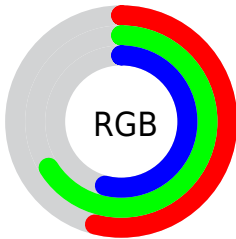
Format	Color
RYB	138, 168, 168
Decimal	9087114
CIELab	65.94, -16.30, 12.13
CIElCh	66, 20.315, 143.345
Yxy	35.2435, 0.3105, 0.3764
Android (android.graphics.Color)	4287277194 (0xFF8AA88A)
YUV	155.6100, -8.6817, -15.4440
Hunter-Lab	59.3662, -16.4805, 12.2788

Details

The XYZ color **29.0713, 35.2435, 29.3152** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **32.3060, 29.3297, 41.0059**, and the grayscale version is **31.4670, 33.1058, 36.0522**.

A 20% lighter version of the original color is **57.5299, 67.7434, 59.3339**, and **12.0313, 15.2701, 11.5458** is the 20% darker color. If you saturate the color by 10%, you get **25.3802, 33.4715, 23.2769**, and if you desaturate by 10%, it is **33.3825, 37.3154, 36.3662**.

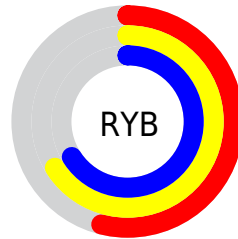
Distribution



Red (54%)

Green (66%)

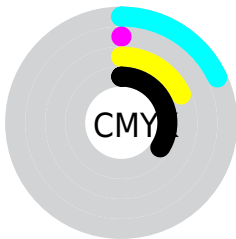
Blue (54%)



Red (54%)

Yellow (66%)

Blue (66%)

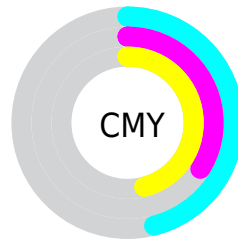


Cyan (18%)

Magenta (0%)

Yellow (18%)

Black (34%)



Cyan (46%)

Magenta (34%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0713, 35.2435, 29.3152 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 29.0713, 35.2435, 29.3152 by changing the saturation by 10% instead.

■ 29.0713, 35.2435,
29.3152

■ 29.0713, 35.2435,
29.3152

289.5394,
325.6418, 312.8066

■ 19.2793, 23.8505,
19.0718

■ 57.5871, 67.8628,
59.6257

■ 11.9775, 15.2228,
11.5448

■ 77.0417, 89.8579,
80.5297

■ 6.8004, 8.9759,
6.3158

■ 100.4478,
116.1559, 105.8245

■ 3.3828, 4.7254,
2.9662

128.1708,
147.1410, 135.9284

■ 1.3593, 2.0871,
1.0774

160.5762,
183.1978, 171.2600

■ 0.2269, 0.6574,
0.0000

198.0291,

■ 0.0000, 0.0000,

224.7106, 212.2379

0.0000

240.8951,
272.0638, 259.2806

■ 29.0713, 35.2435,
29.3152

■ 29.0713, 35.2435,
29.3152

■ 25.3802, 33.4715,
23.2769

■ 33.3825, 37.3154,
36.3662

■ 22.2779, 31.9813,
18.2026

■ 38.3375, 39.6956,
44.4708

■ 19.7350, 30.7598,
14.0432

■ 43.9620, 42.3973,
53.6708

■ 17.7181, 29.7910,
10.7442

■ 50.2799, 45.4321,
64.0047

■ 16.1905, 29.0572,
8.2454

■ 57.3135, 48.8107,
75.5093

■ 15.1105, 28.5385,
6.4789

■ 65.0843, 52.5434,
88.2197

■ 14.4298, 28.2115,
5.3655

■ 73.2933, 56.4866,
101.6478

■ 14.0681, 28.0377,
4.7738

■ 14.0033, 28.0066,
4.6678

Harmonies

Analogous

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



31.2592, 35.2435, 25.0931



29.0713, 35.2435, 29.3152



28.0782, 35.2435, 36.4873

Triad

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



29.0713, 35.2435, 29.3152



32.8324, 35.2435, 57.2777



39.0903, 35.2435, 32.1809

Complementary

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



29.0713, 35.2435, 29.3152



32.3060, 29.3297, 41.0059

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.



39.5736, 35.2435, 40.3250



29.0713, 35.2435, 29.3152



35.8410, 35.2435, 55.6688

Square

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



29.0713, 35.2435, 29.3152



30.1641, 35.2435, 53.2460



38.3525, 35.2435, 49.1301



37.0687, 35.2435, 26.5665

Rectangle

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



29.0713, 35.2435, 29.3152



28.1825, 35.2435, 42.3233



38.3525, 35.2435, 49.1301



39.4429, 35.2435, 34.6787

Sweetspot

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



29.0722, 35.2450, 29.3160



62.9430, 68.8488, 69.8626



34.7401, 38.1669, 29.5811



13.5917, 14.9449, 15.0190



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.



29.0722, 35.2450, 29.3160



50.2649, 62.7589, 49.1254



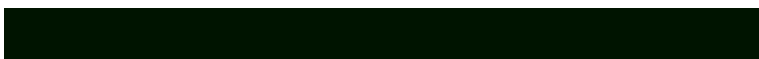
30.2347, 35.7100, 35.4372



7.4368, 8.4078, 8.0202



10.5742, 21.1485, 3.5248



0.2573, 0.5145, 0.0858

Inverse Universe

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



32.3060, 29.3297, 41.0059



57.1204, 50.2189, 73.9073



30.9878, 28.8024, 34.0642



7.8419, 7.6666, 9.4848



17.5319, 8.4215, 28.6761



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 29.0713, 35.2435, 29.3152 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 29.0713, 35.2435, 29.3152 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 29.0713, 35.2435, 29.3152

Background



This preview shows how black text looks on a background with the XYZ color 29.0713, 35.2435, 29.3152.



This preview shows how white text looks on a background with the XYZ color 29.0713, 35.2435,

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

29.0713, 35.2435, 29.3152

Protanopia

33.0634, 34.9525, 27.5581

Deuteranopia

35.6547, 34.9794, 30.0718



Tritanopia

32.4353, 35.2583, 46.1703

Trichromacy



Original Color

29.0713, 35.2435, 29.3152

Protanomaly

31.3941, 34.8590, 27.9955

Deuteranomaly

32.8576, 34.7967, 29.7956

Tritanomaly

31.1320, 35.2697, 39.3493

Monochromacy



Original Color

29.0713, 35.2435, 29.3152

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.3900, 33.7011, 33.3370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0713, 35.2435, 29.3152 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(138, 168, 138)` looks like.

```
.text, #text, p{  
    color:rgb(138, 168, 138)  
}
```

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(138, 168, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 168, 138) }
```

Border

The CSS property to change the border of an element to XYZ 29.0713, 35.2435, 29.3152 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(138, 168, 138) }
```


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

```
.border{ border-color:rgb(138, 168, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 168, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 168, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 168, 138);  
box-shadow:4px 4px 4px 4px rgb(138, 168,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0713, 35.2435, 29.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 168, 138) }
```

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

```
.background{ background-color: rgb(138,  
168, 138) }
```

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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