

Converting Colors

XYZ(27.8890, 30.5428, 35.1425)

Have a look what the booklet for
XYZ(27.8890, 30.5428, 35.1425)
contains.

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Color

**XYZ(27.8714, 30.6045,
35.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	8B999A
RGB	139, 153, 154
RGB Percent	55%, 60%, 60%
CMY	0.4549, 0.4000, 0.3961
CMYK	0.10, 0.01, 0.00, 0.40
HSL	184°, 7%, 57%
HSV	184°, 10%, 60%
XYZ	27.8714, 30.6045, 35.0101
YIQ	148.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

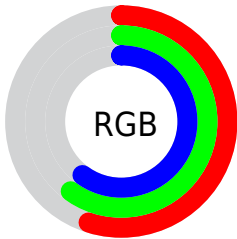
Format	Color
RYB	139, 146, 154
Decimal	9148826
CIELab	62.17, -4.77, -2.24
CIElCh	62, 5.266, 205.139
Yxy	30.6045, 0.2981, 0.3274
Android (android.graphics.Color)	4287338906 (0xFF8B999A)
YUV	148.9280, 2.5005, -8.7069
Hunter-Lab	55.3213, -6.8824, 1.2033

Details

The XYZ color **27.8714, 30.6045, 35.0101** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.3648, 27.4901, 28.2904**, and the grayscale version is **28.5299, 30.0157, 32.6871**.

A 20% lighter version of the original color is **55.6903, 60.5172, 68.4203**, and **11.3194, 12.6059, 14.6685** is the 20% darker color. If you saturate the color by 10%, you get **25.3123, 29.0383, 34.8431**, and if you desaturate by 10%, it is **30.7959, 32.3629, 35.1958**.

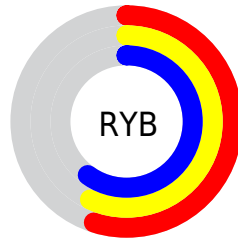
Distribution



Red (55%)

Green (60%)

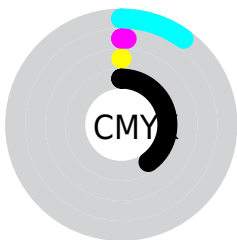
Blue (60%)



Red (55%)

Yellow (57%)

Blue (60%)

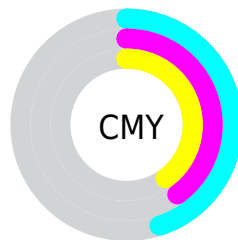


Cyan (10%)

Magenta (1%)

Yellow (0%)

Black (40%)



Cyan (45%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8714, 30.6045, 35.0101 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 27.8714, 30.6045, 35.0101 by changing the saturation by 10% instead.

■ 27.8714, 30.6045,
35.0101

■ 27.8714, 30.6045,
35.0101

283.9431,
304.7121, 339.5185

■ 18.3687, 20.2979,
23.3870

■ 55.6891, 60.6169,
68.6532

■ 11.3163, 12.6118,
14.6716

■ 74.7349, 81.0914,
91.5102

■ 6.3489, 7.1617,
8.4452

■ 97.6924, 105.7240,
118.9491

■ 3.1010, 3.5635,
4.2893

124.9269,
134.8991, 151.3882

■ 1.2074, 1.4325,
1.7853

156.8039,
169.0010, 189.2462

■ 0.1122, 0.2405,
0.4183

193.6887,

■ 0.0000, 0.0000,

208.4142, 232.9415

0.0000

235.9467,
253.5231, 282.8928

■ 27.8714, 30.6045,
35.0101

■ 27.8714, 30.6045,
35.0101

■ 25.3123, 29.0383,
34.8431

■ 30.7959, 32.3629,
35.1958

■ 23.1010, 27.6526,
34.6922

■ 34.0975, 34.3170,
35.3990

■ 21.2222, 26.4405,
34.5573

■ 37.7903, 36.4750,
35.6209

■ 19.6585, 25.3929,
34.4375

■ 41.8872, 38.8434,
35.8621

■ 18.3909, 24.5002,
34.3320

■ 46.4004, 41.4286,
36.1232

■ 17.3984, 23.7513,
34.2398

■ 51.3414, 44.2365,
36.4048

■ 16.6572, 23.1341,
34.1597

■ 56.7216, 47.2730,
36.7073

■ 16.1394, 22.6342,
34.0905

■ 59.8522, 49.1519,
36.9050

■ 15.7786, 22.2172,
34.0290

■ 60.0322, 49.5119,
36.9650

Harmonies

Analogous

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



27.7508, 30.6045, 32.9932



27.8714, 30.6045, 35.0101



28.3161, 30.6045, 36.6319

Triad

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



27.8714, 30.6045, 35.0101



30.2222, 30.6045, 35.6059



29.2044, 30.6045, 29.5808

Complementary

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



27.8714, 30.6045, 35.0101



27.3648, 27.4901, 28.2904

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.



29.8752, 30.6045, 30.2198



27.8714, 30.6045, 35.0101



30.4689, 30.6045, 33.6552

Square

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



27.8714, 30.6045, 35.0101



29.6719, 30.6045, 36.9856



30.3409, 30.6045, 31.6912



28.5131, 30.6045, 29.9108

Rectangle

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



27.8714, 30.6045, 35.0101



28.7403, 30.6045, 37.2427



30.3409, 30.6045, 31.6912



29.4398, 30.6045, 29.6886

Sweetspot

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



27.8723, 30.6058, 35.0108



54.1044, 57.6903, 63.8200



26.9187, 30.4867, 29.1806



12.1514, 13.0010, 14.4394



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.



27.8723, 30.6058, 35.0108



49.4078, 54.8533, 63.5200



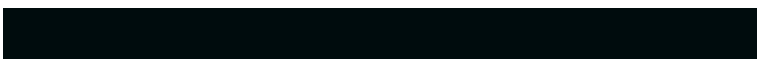
26.7210, 28.3033, 34.6270



6.3494, 6.9562, 7.9370



12.8579, 18.1125, 27.7261



0.2013, 0.2890, 0.4175

Inverse Universe

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



28.3095, 27.6357, 33.9806



50.3922, 48.1962, 61.1938



28.4597, 29.6799, 28.6554



6.4435, 6.3166, 7.7155



14.9489, 7.2338, 22.0535



0.2281, 0.1100, 0.3539

Previews

White Background



This preview shows how the XYZ color 27.8714, 30.6045, 35.0101 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 27.8714, 30.6045, 35.0101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

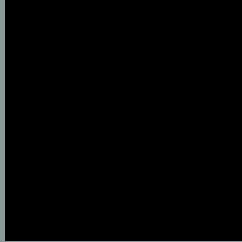
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

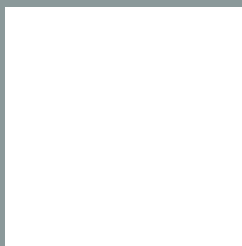
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8714, 30.6045, 35.0101

Background



This preview shows how black text looks on a background with the XYZ color 27.8714, 30.6045, 35.0101.



This preview shows how white text looks on a background with the XYZ color 27.8714, 30.6045,

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

27.8714, 30.6045, 35.0101

Protanopia

29.3638, 30.4373, 34.0331

Deuteranopia

31.1799, 30.6395, 35.7231



Tritanopia

28.9136, 30.7995, 39.5430

Trichromacy



Original Color

27.8714, 30.6045, 35.0101

Protanomaly

28.6887, 30.3156, 34.4764

Deuteranomaly

29.9903, 30.7315, 35.3615

Tritanomaly

28.3886, 30.5700, 37.6621

Monochromacy



Original Color

27.8714, 30.6045, 35.0101

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.1693, 30.0668, 33.5969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8714, 30.6045, 35.0101 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(139, 153, 154)` looks like.

```
.text, #text, p{  
    color:rgb(139, 153, 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(139, 153, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 153, 154) }
```

Border

The CSS property to change the border of an element to XYZ 27.8714, 30.6045, 35.0101 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(139, 153, 154) }
```


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

```
.border{ border-color:rgb(139, 153, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 153, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 153, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 153, 154);  
box-shadow:4px 4px 4px 4px rgb(139, 153,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8714, 30.6045, 35.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 153, 154) }
```

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

```
.background{ background-color: rgb(139,  
153, 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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