

Converting Colors

XYZ(27.0041, 28.7434, 36.6776)

Have a look what the booklet for
XYZ(27.0041, 28.7434, 36.6776)
contains.

XYZ(26.9218, 28.6544, 36.4597)	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(26.9218, 28.6544,
36.4597)**

Conversions

Conversions Part 1

Format	Color
Hex	89939E
RGB	137, 147, 158
RGB Percent	54%, 58%, 62%
CMY	0.4627, 0.4235, 0.3804
CMYK	0.13, 0.07, 0.00, 0.38
HSL	211°, 10%, 58%
HSV	211°, 13%, 62%
XYZ	26.9218, 28.6544, 36.4597
YIQ	145.2640, -9.4910, 1.3010

Conversions

Conversions Part 2

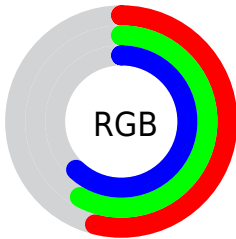
Format	Color
R_{YB}	137, 144, 158
Decimal	9016222
CIE Lab	60.48, -1.27, -7.03
CIE LCh	60, 7.142, 259.765
Yxy	28.6544, 0.2925, 0.3113
Android (android.graphics.Color)	4287206302 (0xFF89939E)
YUV	145.2640, 6.2788, -7.2475
Hunter-Lab	53.5298, -3.9040, -2.9122

Details

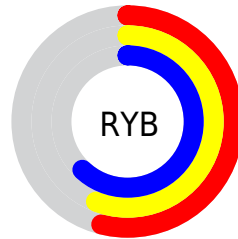
The XYZ color **26.9218, 28.6544, 36.4597** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.2060, 30.2550, 27.9680**, and the grayscale version is **26.9997, 28.4058, 30.9339**.

A 20% lighter version of the original color is **54.1321, 57.5245, 71.2011**, and **10.8590, 11.6372, 15.5838** is the 20% darker color. If you saturate the color by 10%, you get **23.2784, 24.9349, 35.9342**, and if you desaturate by 10%, it is **31.0388, 32.7570, 37.0350**.

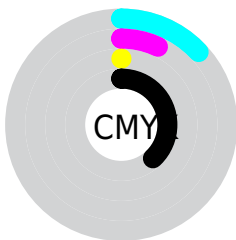
Distribution



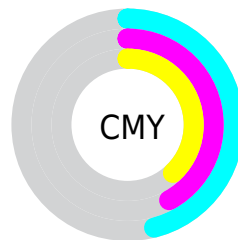
- Red (54%)
- Green (58%)
- Blue (62%)



- Red (54%)
- Yellow (56%)
- Blue (62%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (38%)



- Cyan (46%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9218, 28.6544, 36.4597 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 26.9218, 28.6544, 36.4597 by changing the saturation by 10% instead.

■ 26.9218, 28.6544,
36.4597

■ 26.9218, 28.6544,
36.4597

279.4527,
295.5808, 346.0634

■ 17.6508, 18.8195,
24.4969

■ 54.1791, 57.5275,
70.9180

■ 10.7977, 11.5400,
15.4871

■ 72.8962, 77.3346,
94.2507

■ 5.9973, 6.4313,
9.0115

■ 95.4926, 101.2345,
122.2104

■ 2.8841, 3.1090,
4.6518

122.3337,
129.6117, 155.2156

■ 1.0928, 1.1889,
1.9893

153.7849,
162.8505, 193.6850

■ 0.0190, 0.0526,
0.5487

190.2116,

■ 0.0000, 0.0000,

201.3354, 238.0371

0.0000

231.9791,
245.4507, 288.6903

■ 26.9218, 28.6544,
36.4597

■ 26.9218, 28.6544,
36.4597

■ 23.2784, 24.9349,
35.9342

■ 31.0388, 32.7570,
37.0350

■ 20.0877, 21.5825,
35.4553

■ 35.6441, 37.2508,
37.6597

■ 17.3309, 18.5854,
35.0221

■ 40.7550, 42.1482,
38.3356

■ 14.9869, 15.9296,
34.6331

■ 46.3870, 47.4597,
39.0640

■ 13.0325, 13.6000,
34.2864

■ 52.5551, 53.1957,
39.8461

■ 11.4422, 11.5802,
33.9804

■ 59.2735, 59.3660,
40.6830

■ 10.1870, 9.8516,
33.7129

■ 66.5560, 65.9801,
41.5758

■ 9.2324, 8.3930,
33.4816

■ 71.2566, 71.4187,
42.3778

■ 8.7049, 7.5352,
33.3439

■ 73.3941, 75.6935,
43.0903

Harmonies

Analogous

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



26.1076, 28.6544, 35.2324



26.9218, 28.6544, 36.4597



27.8382, 28.6544, 36.2184

Triad

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



26.9218, 28.6544, 36.4597



28.9353, 28.6544, 29.5165



25.9059, 28.6544, 28.0382

Complementary

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



26.9218, 28.6544, 36.4597



29.2060, 30.2550, 27.9680

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.



26.6409, 28.6544, 26.6676



26.9218, 28.6544, 36.4597



28.3947, 28.6544, 27.4872

Square

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



26.9218, 28.6544, 36.4597



29.0147, 28.6544, 32.1093



27.5509, 28.6544, 26.4717



25.5299, 28.6544, 30.3075

Rectangle

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



26.9218, 28.6544, 36.4597



28.3832, 28.6544, 35.2614



27.5509, 28.6544, 26.4717



26.1184, 28.6544, 27.4626

Sweetspot

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



26.9226, 28.6556, 36.4603



55.7451, 58.8738, 67.1691



27.8773, 31.9060, 32.6445



12.4406, 13.1474, 15.1257



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.



26.9226, 28.6556, 36.4603



46.8021, 49.9241, 65.9130



25.4918, 25.7085, 35.9669



6.5323, 6.9303, 8.4001



7.0107, 6.1129, 26.7176



0.1675, 0.1935, 0.4918

Inverse Universe

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



28.3134, 27.2676, 31.3760



49.8582, 46.9654, 54.7195



30.7745, 33.4940, 28.5105



6.7580, 6.6961, 7.5768



12.3369, 6.2393, 6.0250



0.2418, 0.1201, 0.2197

Previews

White Background



This preview shows how the XYZ color 26.9218, 28.6544, 36.4597 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9218, 28.6544, 36.4597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

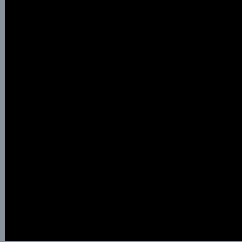
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

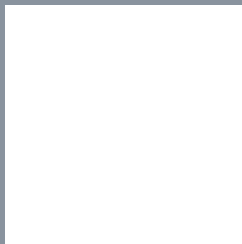
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9218, 28.6544, 36.4597

Background



This preview shows how black text looks on a background with the XYZ color 26.9218, 28.6544, 36.4597.

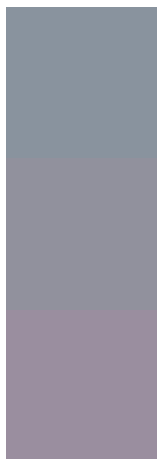


This preview shows how white text looks on a background with the XYZ color 26.9218, 28.6544,

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

26.9218, 28.6544, 36.4597

Protanopia

27.8883, 28.7049, 35.9690

Deuteranopia

29.2574, 28.7192, 36.8022



Tritanopia

27.0083, 28.6890, 36.9149

Trichromacy



Original Color

26.9218, 28.6544, 36.4597

Protanomaly

27.5200, 28.7429, 35.9958

Deuteranomaly

28.4440, 28.7456, 36.8502

Tritanomaly

27.0083, 28.6890, 36.9149

Monochromacy



Original Color

26.9218, 28.6544, 36.4597

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.9392, 28.5106, 32.9374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9218, 28.6544, 36.4597 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(137, 147, 158)` looks like.

```
.text, #text, p{  
    color:rgb(137, 147, 158)  
}
```

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(137, 147, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 147, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.9218, 28.6544, 36.4597 is called "border". The border property can be set on classes, ids or directly on the HTML element.

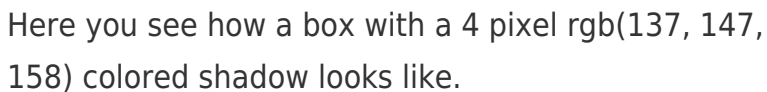
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 147, 158) }
```


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

```
.border{ border-color:rgb(137, 147, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 147, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 147, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 147, 158); box-shadow:4px 4px 4px 4px rgb(137, 147, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9218, 28.6544, 36.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 147, 158) }
```

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

```
.background{ background-color: rgb(137,  
147, 158) }
```

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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