

Converting Colors

XYZ(27.4465, 29.2481, 35.7804)

Have a look what the booklet for
XYZ(27.4465, 29.2481, 35.7804)
contains.

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Color

**XYZ(27.4059, 29.1556,
35.6356)**

Conversions

Conversions Part 1

Format	Color
Hex	8C949C
RGB	140, 148, 156
RGB Percent	55%, 58%, 61%
CMY	0.4510, 0.4196, 0.3882
CMYK	0.10, 0.05, 0.00, 0.39
HSL	210°, 7%, 58%
HSV	210°, 10%, 61%
XYZ	27.4059, 29.1556, 35.6356
YIQ	146.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

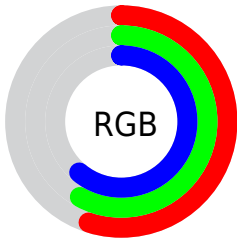
Format	Color
R_{YB}	140, 145, 156
Decimal	9213084
CIE Lab	60.92, -1.22, -5.21
CIE LCh	61, 5.351, 256.785
Yxy	29.1556, 0.2973, 0.3162
Android (android.graphics.Color)	4287403164 (0xFF8C949C)
YUV	146.5200, 4.6736, -5.7180
Hunter-Lab	53.9959, -3.8943, -1.3324

Details

The XYZ color **27.4059, 29.1556, 35.6356** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.0339, 30.1410, 29.0990**, and the grayscale version is **27.5194, 28.9526, 31.5294**.

A 20% lighter version of the original color is **55.0015, 58.3635, 69.3392**, and **11.0409, 11.7430, 15.0493** is the 20% darker color. If you saturate the color by 10%, you get **23.7793, 25.5317, 35.1277**, and if you desaturate by 10%, it is **31.4893, 33.1389, 36.1897**.

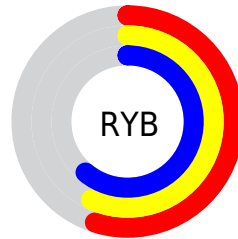
Distribution



Red (55%)

Green (58%)

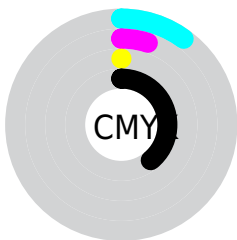
Blue (61%)



Red (55%)

Yellow (57%)

Blue (61%)

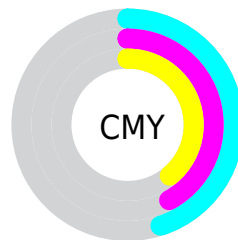


Cyan (10%)

Magenta (5%)

Yellow (0%)

Black (39%)



Cyan (45%)

Magenta (42%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4059, 29.1556, 35.6356 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 27.4059, 29.1556, 35.6356 by changing the saturation by 10% instead.

■ 27.4059, 29.1556,
35.6356

■ 27.4059, 29.1556,
35.6356

281.7489,
297.9484, 342.3541

■ 18.0165, 19.1986,
23.8654

■ 54.9498, 58.3242,
69.6320

■ 11.0616, 11.8138,
15.0226

■ 73.8350, 78.3046,
92.6952

■ 6.1759, 6.6170,
8.6884

■ 96.6162, 102.3948,
120.3599

■ 2.9940, 3.2238,
4.4445

123.6587,
130.9794, 153.0446

■ 1.1506, 1.2497,
1.8722

155.3278,
164.4426, 191.1679

■ 0.0668, 0.1017,
0.4750

191.9890,

■ 0.0000, 0.0000,

203.1690, 235.1482

0.0000

234.0076,
247.5427, 285.4041

■ 27.4059, 29.1556,
35.6356

■ 27.4059, 29.1556,
35.6356

■ 23.7793, 25.5317,
35.1277

■ 31.4893, 33.1389,
36.1897

■ 20.5898, 22.2524,
34.6628

■ 36.0432, 37.4886,
36.7892

■ 17.8198, 19.3067,
34.2403

■ 41.0839, 42.2161,
37.4361

■ 15.4496, 16.6821,
33.8586

■ 46.6260, 47.3313,
38.1313

■ 13.4577, 14.3649,
33.5163

■ 52.6836, 52.8435,
38.8760

■ 11.8205, 12.3401,
33.2118

■ 59.2701, 58.7617,
39.6712

■ 10.5112, 10.5910,
32.9432

■ 66.3986, 65.0947,
40.5179

■ 9.4987, 9.0988,
32.7085

■ 70.3828, 69.9442,
41.2439

■ 8.7269, 7.8524,
32.5086

■ 72.3598, 73.8984,
41.9029

Harmonies

Analogous

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



26.8028, 29.1556, 34.6294



27.4059, 29.1556, 35.6356



28.1008, 29.1556, 35.5687

Triad

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



27.4059, 29.1556, 35.6356



29.0162, 29.1556, 30.6486



26.7450, 29.1556, 29.1861

Complementary

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



27.4059, 29.1556, 35.6356



29.0339, 30.1410, 29.0990

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.



27.3258, 29.1556, 28.2066



27.4059, 29.1556, 35.6356



28.6405, 29.1556, 29.0263

Square

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



27.4059, 29.1556, 35.6356



29.0385, 29.1556, 32.6321



28.0194, 29.1556, 28.1493



26.4256, 29.1556, 30.8751

Rectangle

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



27.4059, 29.1556, 35.6356



28.5228, 29.1556, 34.9238



28.0194, 29.1556, 28.1493



26.9157, 29.1556, 28.7661

Sweetspot

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



27.4068, 29.1568, 35.6362



55.0290, 58.0948, 65.4398



28.0284, 31.4825, 32.5064



11.9800, 12.6583, 14.3823



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.



27.4068, 29.1568, 35.6362



48.4077, 51.6009, 64.5354



26.2336, 26.8105, 35.2452



6.5451, 6.9559, 8.4043



7.2229, 6.5373, 26.7884



0.1714, 0.2015, 0.4931

Inverse Universe

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



28.4344, 27.9628, 31.9172



50.6146, 49.0817, 56.5380



30.2881, 32.6494, 29.5171



6.7645, 6.6987, 7.6108



12.4440, 6.2822, 6.5890



0.2438, 0.1209, 0.2302

Previews

White Background



This preview shows how the XYZ color 27.4059, 29.1556, 35.6356 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 27.4059, 29.1556, 35.6356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

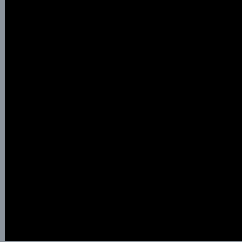
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

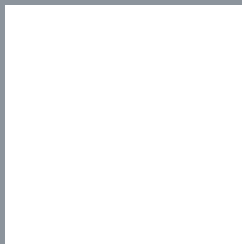
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4059, 29.1556, 35.6356

Background



This preview shows how black text looks on a background with the XYZ color 27.4059, 29.1556, 35.6356.



This preview shows how white text looks on a background with the XYZ color 27.4059, 29.1556,

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

27.4059, 29.1556, 35.6356

Protanopia

28.2279, 29.1274, 35.1447

Deuteranopia

29.6186, 29.1472, 35.9632



Tritanopia

27.6762, 29.0334, 36.9462

Trichromacy



Original Color

27.4059, 29.1556, 35.6356

Protanomaly

27.8517, 29.1633, 35.1715

Deuteranomaly

28.7889, 29.1691, 36.0112

Tritanomaly

27.5898, 28.9988, 36.4909

Monochromacy



Original Color

27.4059, 29.1556, 35.6356

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4403, 28.9987, 33.0052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4059, 29.1556, 35.6356 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(140, 148, 156) looks like.

```
.text, #text, p{  
    color:rgb(140, 148, 156)  
}
```

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(140, 148, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 148, 156) }
```

Border

The CSS property to change the border of an element to XYZ 27.4059, 29.1556, 35.6356 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(140, 148, 156) }
```


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

```
.border{ border-color:rgb(140, 148, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 148, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 148, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 148, 156);  
box-shadow:4px 4px 4px 4px rgb(140, 148,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4059, 29.1556, 35.6356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 148, 156) }
```

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

```
.background{ background-color: rgb(140,  
148, 156) }
```

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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