

Converting Colors

XYZ(27.6478, 29.5696, 32.6598)

Have a look what the booklet for
XYZ(27.6478, 29.5696, 32.6598)
contains.

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Color

**XYZ(27.6739, 29.5941,
32.6874)**

Conversions

Conversions Part 1

Format	Color
Hex	909595
RGB	144, 149, 149
RGB Percent	56%, 58%, 58%
CMY	0.4353, 0.4157, 0.4157
CMYK	0.03, 0.00, 0.00, 0.42
HSL	180°, 2%, 57%
HSV	180°, 3%, 58%
XYZ	27.6739, 29.5941, 32.6874
YIQ	147.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

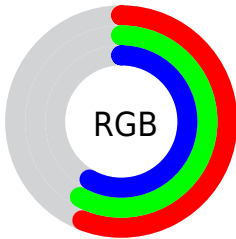
Format	Color
R_{YB}	144, 147, 149
Decimal	9475477
CIE _{Lab}	61.30, -1.80, -0.64
CIE _{LCh}	61, 1.913, 199.457
Yxy	29.5941, 0.3076, 0.3290
Android (android.graphics.Color)	4287665557 (0xFF909595)
YUV	147.5050, 0.7370, -3.0739
Hunter-Lab	54.4005, -4.3966, 2.4550

Details

The XYZ color **27.6739, 29.5941, 32.6874** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.4029, 28.3506, 30.4150**, and the grayscale version is **27.9410, 29.3961, 32.0124**.

A 20% lighter version of the original color is **55.4241, 59.0294, 64.9726**, and **11.1884, 11.9969, 13.2812** is the 20% darker color. If you saturate the color by 10%, you get **25.2409, 28.3408, 32.5711**, and if you desaturate by 10%, it is **30.4521, 31.0271, 32.8210**.

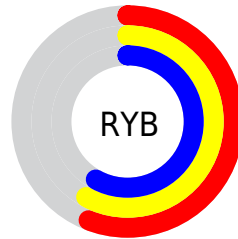
Distribution



Red (56%)

Green (58%)

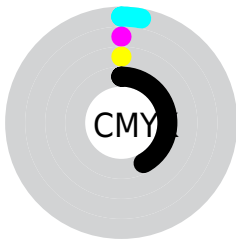
Blue (58%)



Red (56%)

Yellow (58%)

Blue (58%)

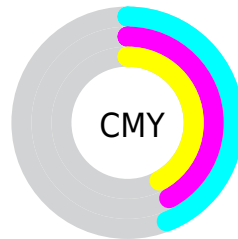


Cyan (3%)

Magenta (0%)

Yellow (0%)

Black (42%)



Cyan (44%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6739, 29.5941, 32.6874 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 27.6739, 29.5941, 32.6874 by changing the saturation by 10% instead.

■ 27.6739, 29.5941,
32.6874

■ 27.6739, 29.5941,
32.6874

283.0138,
300.0079, 328.8275

■ 18.2192, 19.5307,
21.6179

■ 55.3757, 59.0197,
64.9976

■ 11.2081, 12.0544,
13.3808

■ 74.3534, 79.1506,
87.0753

■ 6.2753, 6.7807,
7.5575

97.2363, 103.4063,
113.6596

■ 3.0554, 3.3253,
3.7294

124.3895,
132.1709, 145.1689

■ 1.1832, 1.3039,
1.4781

156.1786,
165.8290, 182.0218

■ 0.0930, 0.1442,
0.2015

192.9687,

■ 0.0000, 0.0000,

204.7649, 224.6369

0.0000

235.1253,
249.3631, 273.4326

■ 27.6739, 29.5941,
32.6874

■ 27.6739, 29.5941,
32.6874

■ 25.2409, 28.3408,
32.5711

■ 30.4521, 31.0271,
32.8210

■ 23.1373, 27.2564,
32.4697

■ 33.5856, 32.6424,
32.9707

■ 21.3496, 26.3348,
32.3830

■ 37.0872, 34.4474,
33.1376

■ 19.8626, 25.5683,
32.3104

■ 40.9683, 36.4482,
33.3223

■ 18.6598, 24.9483,
32.2511

■ 45.2399, 38.6502,
33.5252

■ 17.7231, 24.4655,
32.2042

■ 49.9125, 41.0590,
33.7469

■ 17.0323, 24.1094,
32.1688

■ 54.9962, 43.6796,
33.9878

■ 16.5642, 23.8682,
32.1439

■ 57.4175, 44.9278,
34.1042

■ 16.2916, 23.7277,
32.1281

■ 57.4181, 44.9280,
34.1072

Harmonies

Analogous

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



27.6546, 29.5941, 31.9697



27.6739, 29.5941, 32.6874



27.8145, 29.5941, 33.2890

Triad

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



27.6739, 29.5941, 32.6874



28.4981, 29.5941, 33.1334



28.2171, 29.5941, 30.8778

Complementary

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



27.6739, 29.5941, 32.6874



27.4029, 28.3506, 30.4150

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.



28.4444, 29.5941, 31.1799



27.6739, 29.5941, 32.6874



28.6074, 29.5941, 32.4775

Square

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



27.6739, 29.5941, 32.6874



28.2900, 29.5941, 33.5492



28.5877, 29.5941, 31.7629



27.9672, 29.5941, 30.9321

Rectangle

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



27.6739, 29.5941, 32.6874



27.9586, 29.5941, 33.5399



28.5877, 29.5941, 31.7629



28.2987, 29.5941, 30.9409

Sweetspot

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



27.6747, 29.5954, 32.6880



50.6656, 53.5691, 58.5902



27.2986, 29.4466, 30.6311



11.2351, 11.8752, 12.9847



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.6747, 29.5954, 32.6880



49.2234, 52.8256, 58.5210



27.2964, 28.8383, 32.5629



6.2238, 6.6961, 7.4339



13.6064, 19.9154, 27.0326



0.1666, 0.2438, 0.3310

Inverse Universe

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



27.4029, 28.3506, 30.4150



48.6343, 50.1283, 53.5957



27.7728, 29.0908, 30.5374



6.1397, 6.3113, 6.7311



10.4320, 5.3779, 0.4901



0.1277, 0.0658, 0.0061

Previews

White Background



This preview shows how the XYZ color 27.6739, 29.5941, 32.6874 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 27.6739, 29.5941, 32.6874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

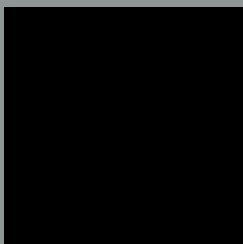
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

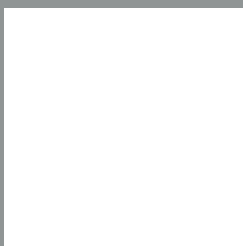
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6739, 29.5941, 32.6874

Background



This preview shows how black text looks on a background with the XYZ color 27.6739, 29.5941, 32.6874.



This preview shows how white text looks on a background with the XYZ color 27.6739, 29.5941,

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

27.6739, 29.5941, 32.6874

Protanopia

28.3567, 29.4896, 32.2145

Deuteranopia

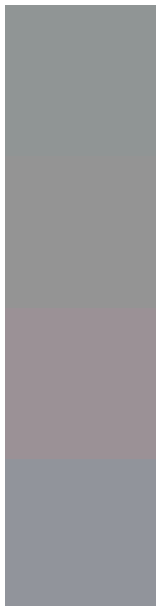
30.0254, 29.4240, 32.9511



Tritanopia

28.5458, 29.4816, 36.9869

Trichromacy



Original Color

27.6739, 29.5941, 32.6874

Protanomaly

28.1479, 29.6138, 32.2495

Deuteranomaly

29.1480, 29.4214, 32.9968

Tritanomaly

28.1834, 29.5661, 35.2318

Monochromacy



Original Color

27.6739, 29.5941, 32.6874

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9678, 29.5210, 32.2410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6739, 29.5941, 32.6874 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(144, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(144, 149, 149)  
}
```

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(144, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 149, 149) }
```

Border

The CSS property to change the border of an element to XYZ 27.6739, 29.5941, 32.6874 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(144, 149, 149) }
```


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

```
.border{ border-color:rgb(144, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(144, 149,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6739, 29.5941, 32.6874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 149, 149) }
```

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

```
.background{ background-color: rgb(144,  
149, 149) }
```

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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