

Converting Colors

XYZ(27.1975, 30.6758, 35.7409)

Have a look what the booklet for
XYZ(27.1975, 30.6758, 35.7409)
contains.

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Color

**XYZ(27.2378, 30.7485,
35.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	849B9C
RGB	132, 155, 156
RGB Percent	52%, 61%, 61%
CMY	0.4823, 0.3921, 0.3882
CMYK	0.15, 0.01, 0.00, 0.39
HSL	182°, 11%, 56%
HSV	182°, 15%, 61%
XYZ	27.2378, 30.7485, 35.9520
YIQ	148.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

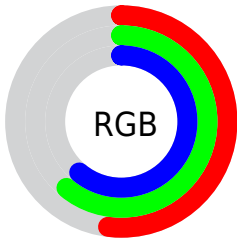
Format	Color
RYB	132, 144, 156
Decimal	8690588
CIELab	62.29, -7.83, -3.24
CIELCh	62, 8.477, 202.501
Yxy	30.7485, 0.2900, 0.3273
Android (android.graphics.Color)	4286880668 (0xFF849B9C)
YUV	148.2370, 3.8272, -14.2398
Hunter-Lab	55.4513, -9.3603, 0.3751

Details

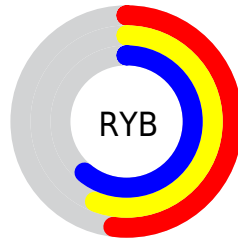
The XYZ color **27.2378, 30.7485, 35.9520** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.2629, 25.5089, 25.3698**, and the grayscale version is **28.2366, 29.7071, 32.3511**.

A 20% lighter version of the original color is **54.4409, 60.5684, 69.7943**, and **10.9798, 12.7144, 15.2400** is the 20% darker color. If you saturate the color by 10%, you get **24.8710, 29.3694, 35.8110**, and if you desaturate by 10%, it is **29.9718, 32.3194, 36.1116**.

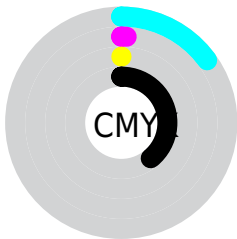
Distribution



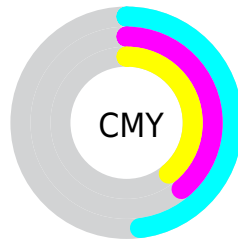
- Red (52%)
- Green (61%)
- Blue (61%)



- Red (52%)
- Yellow (56%)
- Blue (61%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (48%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2378, 30.7485, 35.9520 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 27.2378, 30.7485, 35.9520 by changing the saturation by 10% instead.

■ 27.2378, 30.7485,
35.9520

■ 27.2378, 30.7485,
35.9520

280.9533,
305.3780, 343.7818

■ 17.8894, 20.4074,
24.1077

■ 54.6824, 60.8439,
70.1262

■ 10.9698, 12.6915,
15.2006

■ 73.5094, 81.3670,
93.2932

■ 6.1137, 7.2165,
8.8121

■ 96.2265, 106.0529,
121.0715

■ 2.9557, 3.5979,
4.5237

123.1993,
135.2859, 153.8797

■ 1.1304, 1.4513,
1.9168

154.7930,
169.4506, 192.1362

■ 0.0503, 0.2540,
0.5034

191.3730,

■ 0.0000, 0.0000,

208.9312, 236.2597

0.0000

233.3046,
254.1122, 286.6687

■ 27.2378, 30.7485,
35.9520

■ 27.2378, 30.7485,
35.9520

■ 24.8710, 29.3694,
35.8110

■ 29.9718, 32.3194,
36.1116

■ 22.8526, 28.1698,
35.6859

■ 33.0854, 34.0861,
36.2885

■ 21.1661, 27.1423,
35.5764

■ 36.5939, 36.0572,
36.4841

■ 19.7926, 26.2770,
35.4818

■ 40.5107, 38.2397,
36.6989

■ 18.7115, 25.5633,
35.4010

■ 44.8487, 40.6402,
36.9336

■ 17.8996, 24.9892,
35.3330

■ 49.6204, 43.2651,
37.1887

■ 17.3300, 24.5408,
35.2765

■ 54.8374, 46.1205,
37.4649

■ 16.9677, 24.2002,
35.2298

■ 59.8451, 48.8688,
37.7315

■ 16.8299, 24.0585,
35.2097

■ 59.9580, 49.0946,
37.7691

Harmonies

Analogous

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



27.0961, 30.7485, 32.6635



27.2378, 30.7485, 35.9520



27.9053, 30.7485, 38.7370

Triad

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



27.2378, 30.7485, 35.9520



31.0077, 30.7485, 37.4679



29.5139, 30.7485, 27.6081

Complementary

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



27.2378, 30.7485, 35.9520



26.2629, 25.5089, 25.3698

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.



30.5867, 30.7485, 28.7213



27.2378, 30.7485, 35.9520



31.4637, 30.7485, 34.3098

Square

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



27.2378, 30.7485, 35.9520



30.0764, 30.7485, 39.6513



31.3077, 30.7485, 31.1238



28.3908, 30.7485, 27.9845

Rectangle

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



27.2378, 30.7485, 35.9520



28.5683, 30.7485, 39.8624



31.3077, 30.7485, 31.1238



29.8927, 30.7485, 27.8178

Sweetspot

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



27.2387, 30.7498, 35.9527



54.5881, 58.7869, 65.5966



25.6245, 30.3710, 26.6301



11.9359, 12.8924, 14.4298



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.



27.2387, 30.7498, 35.9527



48.1264, 55.0691, 65.2196



25.3695, 27.0114, 35.3296



6.7982, 7.4622, 8.4887



13.8689, 19.8293, 29.0037



0.2545, 0.3676, 0.5208

Inverse Universe

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



27.8787, 25.9376, 34.5489



49.4887, 44.8642, 62.2226



27.9706, 28.9241, 25.9390



6.8922, 6.7498, 8.2836



15.7986, 7.6240, 24.2541



0.2858, 0.1376, 0.4510

Previews

White Background



This preview shows how the XYZ color 27.2378, 30.7485, 35.9520 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 27.2378, 30.7485, 35.9520 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

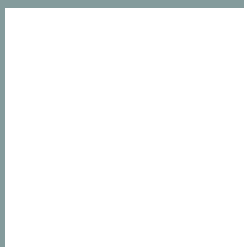
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2378, 30.7485, 35.9520

Background



This preview shows how black text looks on a background with the XYZ color 27.2378, 30.7485, 35.9520.

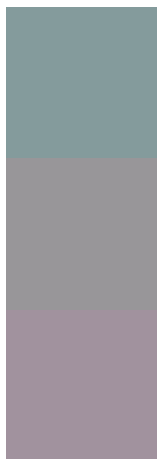


This preview shows how white text looks on a background with the XYZ color 27.2378, 30.7485,

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

27.2378, 30.7485, 35.9520

Protanopia

29.6050, 30.7880, 34.5193

Deuteranopia

31.1484, 30.6035, 36.6131



Tritanopia

28.1057, 30.6040, 40.5022

Trichromacy



Original Color

27.2378, 30.7485, 35.9520

Protanomaly

28.7380, 30.8093, 35.0040

Deuteranomaly

29.4109, 30.4132, 36.2185

Tritanomaly

27.7501, 30.7064, 38.6468

Monochromacy



Original Color

27.2378, 30.7485, 35.9520

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8079, 30.1184, 33.6260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2378, 30.7485, 35.9520 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(132, 155, 156)` looks like.

```
.text, #text, p{  
    color:rgb(132, 155, 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(132, 155, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 155, 156) }
```

Border

The CSS property to change the border of an element to XYZ 27.2378, 30.7485, 35.9520 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(132, 155, 156) }
```


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

```
.border{ border-color:rgb(132, 155, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 155, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 155, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 155, 156);  
box-shadow:4px 4px 4px 4px rgb(132, 155,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2378, 30.7485, 35.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 155, 156) }
```

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

```
.background{ background-color: rgb(132,  
155, 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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