

Converting Colors

XYZ(27.1522, 28.8787, 32.7127)

Have a look what the booklet for
XYZ(27.1522, 28.8787, 32.7127)
contains.

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Color

**XYZ(27.1862, 28.8770,
32.5747)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9395
RGB	143, 147, 149
RGB Percent	56%, 58%, 58%
CMY	0.4392, 0.4235, 0.4157
CMYK	0.04, 0.01, 0.00, 0.42
HSL	200°, 3%, 57%
HSV	200°, 4%, 58%
XYZ	27.1862, 28.8770, 32.5747
YIQ	146.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

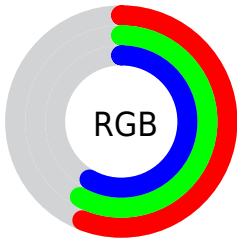
Format	Color
RYB	143, 145, 149
Decimal	9409429
CIELab	60.67, -1.05, -1.57
CIElCh	61, 1.887, 236.227
Yxy	28.8770, 0.3067, 0.3258
Android (android.graphics.Color)	4287599509 (0xFF8F9395)
YUV	146.0320, 1.4632, -2.6591
Hunter-Lab	53.7373, -3.7355, 1.6755

Details

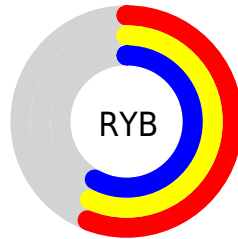
The XYZ color **27.1862, 28.8770, 32.5747** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4778, 28.6232, 30.0636**, and the grayscale version is **27.3305, 28.7538, 31.3129**.

A 20% lighter version of the original color is **54.6921, 57.9554, 64.8038**, and **10.9935, 11.7584, 13.2454** is the 20% darker color. If you saturate the color by 10%, you get **24.0216, 26.1259, 32.2109**, and if you desaturate by 10%, it is **30.7284, 31.8738, 32.9669**.

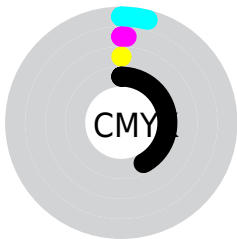
Distribution



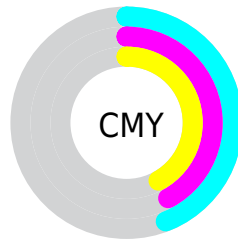
- Red (56%)
- Green (58%)
- Blue (58%)



- Red (56%)
- Yellow (57%)
- Blue (58%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)



- Cyan (44%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1862, 28.8770, 32.5747 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 27.1862, 28.8770, 32.5747 by changing the saturation by 10% instead.

■ 27.1862, 28.8770,
32.5747

■ 27.1862, 28.8770,
32.5747

280.7087,
296.6342, 328.3020

■ 17.8504, 18.9878,
21.5324

■ 54.6003, 57.8816,
64.8193

■ 10.9417, 11.6615,
13.3187

■ 73.4093, 77.7658,
86.8587

■ 6.0946, 6.5136,
7.5151

■ 96.1068, 101.7504,
113.4008

■ 2.9439, 3.1598,
3.7030

123.0581,
130.2199, 144.8643

■ 1.1242, 1.2157,
1.4638

154.6286,
163.5586, 181.6676

■ 0.0452, 0.0745,
0.1908

191.1836,

■ 0.0000, 0.0000,

202.1510, 224.2293

0.0000

233.0885,
246.3814, 272.9679

■ 27.1862, 28.8770,
32.5747

■ 27.1862, 28.8770,
32.5747

■ 24.0216, 26.1259,
32.2109

■ 30.7284, 31.8738,
32.9669

■ 21.2183, 23.6089,
31.8728

■ 34.6587, 35.1198,
33.3863

■ 18.7623, 21.3192,
31.5603

■ 38.9904, 38.6234,
33.8342

■ 16.6380, 19.2480,
31.2725

■ 43.7353, 42.3911,
34.3114

■ 14.8282, 17.3858,
31.0084

■ 48.9049, 46.4295,
34.8184

■ 13.3144, 15.7222,
30.7671

■ 54.5099, 50.7446,
35.3559

■ 12.0756, 14.2461,
30.5475

■ 60.5609, 55.3426,
35.9245

■ 11.0881, 12.9442,
30.3483

■ 64.3686, 58.8374,
36.3984

■ 10.3232, 11.8013,
30.1680

■ 65.4369, 60.9740,
36.7544

Harmonies

Analogous

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



27.0271, 28.8770, 32.0409



27.1862, 28.8770, 32.5747



27.4158, 28.8770, 32.8049

Triad

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



27.1862, 28.8770, 32.5747



27.9185, 28.8770, 31.5308



27.2395, 28.8770, 30.2497

Complementary

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



27.1862, 28.8770, 32.5747



27.4778, 28.6232, 30.0636

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.



27.4777, 28.8770, 30.1177



27.1862, 28.8770, 32.5747



27.8706, 28.8770, 30.8509

Square

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



27.1862, 28.8770, 32.5747



27.8394, 28.8770, 32.1966



27.7089, 28.8770, 30.3361



27.0578, 28.8770, 30.6996

Rectangle

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



27.1862, 28.8770, 32.5747



27.5783, 28.8770, 32.7527



27.7089, 28.8770, 30.3361



27.3156, 28.8770, 30.1670

Sweetspot

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



27.1870, 28.8782, 32.5753



50.5227, 53.2829, 58.5431



27.1787, 29.3762, 30.9857



11.2054, 11.8158, 12.9749



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.



27.1870, 28.8782, 32.5753



48.0467, 51.1661, 58.2650



26.7413, 27.9868, 32.4268



6.0732, 6.4739, 7.3992



8.3807, 9.4563, 25.3146



0.1297, 0.1701, 0.3189

Inverse Universe

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



27.4840, 28.1416, 31.5885



48.7173, 49.5125, 56.0341



27.9270, 29.5216, 30.2133



6.1652, 6.2476, 7.0931



12.3573, 6.1480, 10.6284



0.1650, 0.0807, 0.2023

Previews

White Background



This preview shows how the XYZ color 27.1862, 28.8770, 32.5747 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 27.1862, 28.8770, 32.5747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

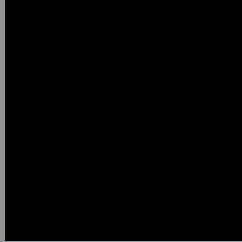
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

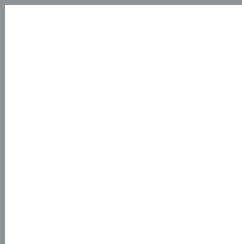
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1862, 28.8770, 32.5747

Background



This preview shows how black text looks on a background with the XYZ color 27.1862, 28.8770, 32.5747.



This preview shows how white text looks on a background with the XYZ color 27.1862, 28.8770,

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

27.1862, 28.8770, 32.5747

Protanopia

27.6834, 28.6848, 32.0946

Deuteranopia

29.4761, 28.9189, 32.8825



Tritanopia

27.8663, 28.9214, 36.0120

Trichromacy



Original Color

27.1862, 28.8770, 32.5747

Protanomaly

27.4782, 28.8069, 32.1290

Deuteranomaly

28.6151, 28.9208, 32.9283

Tritanomaly

27.6132, 28.8202, 34.6793

Monochromacy



Original Color

27.1862, 28.8770, 32.5747

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.2224, 28.6841, 31.7056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1862, 28.8770, 32.5747 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(143, 147, 149) looks like.

```
.text, #text, p{  
    color:rgb(143, 147, 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(143, 147, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 147, 149) }
```

Border

The CSS property to change the border of an element to XYZ 27.1862, 28.8770, 32.5747 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(143, 147, 149) }
```


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

```
.border{ border-color:rgb(143, 147, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 147, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 147, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 147, 149);  
box-shadow:4px 4px 4px 4px rgb(143, 147,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1862, 28.8770, 32.5747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 147, 149) }
```

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

```
.background{ background-color: rgb(143,  
147, 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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