

Converting Colors

XYZ(27.6403, 29.9441, 36.7159)

Have a look what the booklet for
XYZ(27.6403, 29.9441, 36.7159)
contains.

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Color

**XYZ(27.7194, 30.0051,
36.6783)**

Conversions

Conversions Part 1

Format	Color
Hex	8A979E
RGB	138, 151, 158
RGB Percent	54%, 59%, 62%
CMY	0.4588, 0.4078, 0.3804
CMYK	0.13, 0.04, 0.00, 0.38
HSL	201°, 9%, 58%
HSV	201°, 13%, 62%
XYZ	27.7194, 30.0051, 36.6783
YIQ	147.9110, -9.9950, -0.5790

Conversions

Conversions Part 2

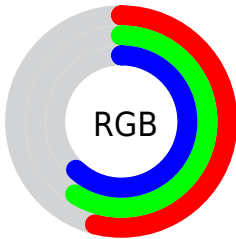
Format	Color
R_{YB}	138, 146, 158
Decimal	9082782
CIE Lab	61.66, -3.16, -5.27
CIE LCh	62, 6.140, 239.047
Yxy	30.0051, 0.2936, 0.3178
Android (android.graphics.Color)	4287272862 (0xFF8A979E)
YUV	147.9110, 4.9739, -8.6919
Hunter-Lab	54.7769, -5.5312, -1.3564

Details

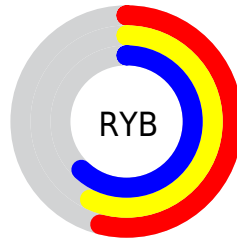
The XYZ color **27.7194, 30.0051, 36.6783** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.8136, 29.3548, 28.1928**, and the grayscale version is **28.0948, 29.5579, 32.1886**.

A 20% lighter version of the original color is **55.5798, 59.6732, 71.5395**, and **11.2355, 12.2506, 15.6823** is the 20% darker color. If you saturate the color by 10%, you get **24.4244, 27.0172, 36.2757**, and if you desaturate by 10%, it is **31.4382, 33.2750, 37.1139**.

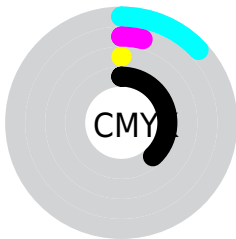
Distribution



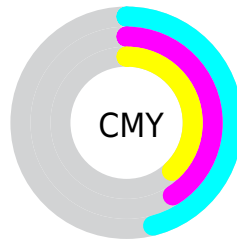
- Red (54%)
- Green (59%)
- Blue (62%)



- Red (54%)
- Yellow (57%)
- Blue (62%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (46%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7194, 30.0051, 36.6783 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 27.7194, 30.0051, 36.6783 by changing the saturation by 10% instead.

■ 27.7194, 30.0051,
36.6783

■ 27.7194, 30.0051,
36.6783

283.2281,
301.9282, 347.0423

■ 18.2536, 19.8425,
24.6647

■ 55.4479, 59.6702,
71.2585

■ 11.2330, 12.2806,
15.6107

■ 74.4414, 79.9415,
94.6622

■ 6.2922, 6.9351,
9.0977

■ 97.3414, 104.3512,
122.6996

■ 3.0659, 3.4215,
4.7073

124.5134,
133.2835, 155.7894

■ 1.1887, 1.3556,
2.0208

156.3227,
167.1230, 194.3500

■ 0.0974, 0.1836,
0.5681

193.1347,

■ 0.0000, 0.0000,

206.2540, 238.8000

0.0000

235.3147,
251.0610, 289.5579

■ 27.7194, 30.0051,
36.6783

■ 27.7194, 30.0051,
36.6783

■ 24.4244, 27.0172,
36.2757

■ 31.4382, 33.2750,
37.1139

■ 21.5336, 24.2981,
35.9032

■ 35.5941, 36.8322,
37.5815

■ 19.0299, 21.8387,
35.5605

■ 40.2031, 40.6865,
38.0825

■ 16.8935, 19.6281,
35.2464

■ 45.2793, 44.8461,
38.6179

■ 15.1032, 17.6543,
34.9598

■ 50.8366, 49.3188,
39.1883

■ 13.6352, 15.9043,
34.6994

■ 56.8879, 54.1120,
39.7945

■ 12.4622, 14.3629,
34.4637

■ 63.4458, 59.2332,
40.4374

■ 11.5522, 13.0129,
34.2510

■ 66.9783, 62.8620,
40.9516

■ 10.9938, 12.1131,
34.1068

■ 68.2420, 65.3893,
41.3728

Harmonies

Analogous

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



27.1689, 30.0051, 34.9015



27.7194, 30.0051, 36.6783



28.4929, 30.0051, 37.3733

Triad

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



27.7194, 30.0051, 36.6783



30.1170, 30.0051, 32.7453



27.7638, 30.0051, 28.8968

Complementary

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



27.7194, 30.0051, 36.6783



28.8136, 29.3548, 28.1928

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.



28.5451, 30.0051, 28.3796



27.7194, 30.0051, 36.6783



29.9130, 30.0051, 30.5366

Square

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



27.7194, 30.0051, 36.6783



29.8860, 30.0051, 35.0370



29.3337, 30.0051, 28.9657



27.1942, 30.0051, 30.4130

Rectangle

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



27.7194, 30.0051, 36.6783



29.0341, 30.0051, 37.1055



29.3337, 30.0051, 28.9657



28.0099, 30.0051, 28.6037

Sweetspot

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



27.7203, 30.0064, 36.6790



56.0842, 59.5518, 67.2822



27.7938, 31.8916, 31.3449



12.5302, 13.3266, 15.1555



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.



27.7203, 30.0064, 36.6790



48.6888, 53.0117, 66.4096



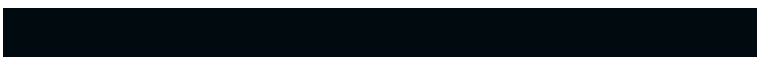
26.2275, 27.0207, 36.1814



6.6263, 7.1184, 8.4314



8.8427, 9.7769, 27.3283



0.1963, 0.2513, 0.5014

Inverse Universe

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



28.7756, 27.6811, 33.1059



50.9780, 48.0543, 58.6399



30.3544, 32.4365, 28.7064



6.8055, 6.7151, 7.8268



13.2616, 6.6092, 10.8945



0.2564, 0.1259, 0.2964

Previews

White Background



This preview shows how the XYZ color 27.7194, 30.0051, 36.6783 looks on a white background.

Color Contrast Check

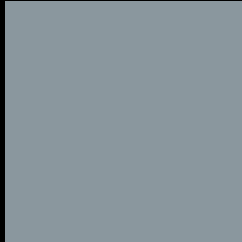
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7194, 30.0051, 36.6783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

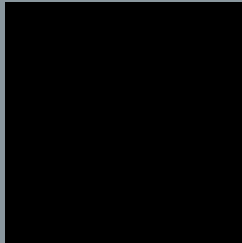
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

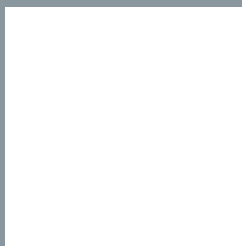
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7194, 30.0051, 36.6783

Background



This preview shows how black text looks on a background with the XYZ color 27.7194, 30.0051, 36.6783.



This preview shows how white text looks on a background with the XYZ color 27.7194, 30.0051,

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

27.7194, 30.0051, 36.6783

Protanopia

28.9851, 29.9697, 35.7095

Deuteranopia

30.3318, 29.7188, 36.9385



Tritanopia

28.0754, 29.9103, 38.4760

Trichromacy



Original Color

27.7194, 30.0051, 36.6783

Protanomaly

28.5103, 29.9490, 36.1764

Deuteranomaly

29.4542, 29.9499, 37.0294

Tritanomaly

27.9868, 29.8749, 38.0096

Monochromacy



Original Color

27.7194, 30.0051, 36.6783

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9165, 29.6912, 33.9654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7194, 30.0051, 36.6783 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(138, 151, 158)` looks like.

```
.text, #text, p{  
    color:rgb(138, 151, 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(138, 151, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 151, 158) }
```

Border

The CSS property to change the border of an element to XYZ 27.7194, 30.0051, 36.6783 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(138, 151, 158) }
```


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

```
.border{ border-color:rgb(138, 151, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 151, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 151, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 151, 158);  
box-shadow:4px 4px 4px 4px rgb(138, 151,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7194, 30.0051, 36.6783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 151, 158) }
```

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

```
.background{ background-color: rgb(138,  
151, 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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