

Converting Colors

XYZ(27.1480, 30.0864, 37.0479)

Have a look what the booklet for
XYZ(27.1480, 30.0864, 37.0479)
contains.

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Color

**XYZ(27.1650, 30.1912,
37.1966)**

Conversions

Conversions Part 1

Format	Color
Hex	84999F
RGB	132, 153, 159
RGB Percent	52%, 60%, 62%
CMY	0.4823, 0.4000, 0.3765
CMYK	0.17, 0.04, 0.00, 0.38
HSL	193°, 12%, 57%
HSV	193°, 17%, 62%
XYZ	27.1650, 30.1912, 37.1966
YIQ	147.4050, -14.4420, -2.5860

Conversions

Conversions Part 2

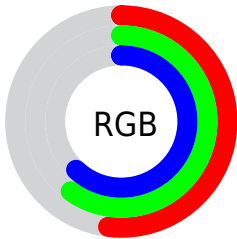
Format	Color
R _Y B	132, 144, 159
Decimal	8690079
CIE Lab	61.82, -6.07, -5.64
CIE LCh	62, 8.290, 222.886
Yxy	30.1912, 0.2873, 0.3193
Android (android.graphics.Color)	4286880159 (0xFF84999F)
YUV	147.4050, 5.7163, -13.5102
Hunter-Lab	54.9465, -7.9078, -1.6744

Details

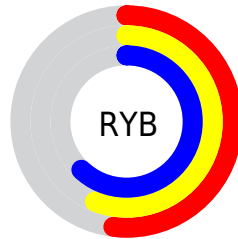
The XYZ color **27.1650, 30.1912, 37.1966** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.5517, 27.2139, 25.6312**, and the grayscale version is **27.8829, 29.3350, 31.9458**.

A 20% lighter version of the original color is **54.4580, 59.7950, 72.2897**, and **10.9378, 12.3793, 16.0003** is the 20% darker color. If you saturate the color by 10%, you get **24.2962, 27.8675, 36.8998**, and if you desaturate by 10%, it is **30.4316, 32.7470, 37.5182**.

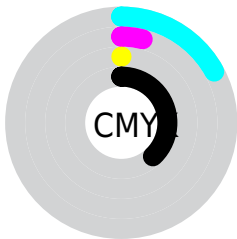
Distribution



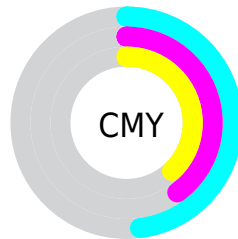
- Red (52%)
- Green (60%)
- Blue (62%)



- Red (52%)
- Yellow (56%)
- Blue (62%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (48%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1650, 30.1912, 37.1966 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 27.1650, 30.1912, 37.1966 by changing the saturation by 10% instead.

■ 27.1650, 30.1912,
37.1966

■ 27.1650, 30.1912,
37.1966

280.6081,
302.7947, 349.3552

■ 17.8344, 19.9838,
25.0628

■ 54.5665, 59.9644,
72.0648

■ 10.9301, 12.3832,
15.9044

■ 73.3682, 80.2990,
95.6362

■ 6.0868, 7.0052,
9.3029

■ 96.0576, 104.7781,
123.8572

■ 2.9391, 3.4654,
4.8398

123.0001,
133.7860, 157.1463

■ 1.1216, 1.3793,
2.0965

154.5611,
167.7073, 195.9222

■ 0.0431, 0.2014,
0.6137

191.1058,

■ 0.0000, 0.0000,

206.9262, 240.6032

0.0000

232.9997,
251.8272, 291.6081

■ 27.1650, 30.1912,
37.1966

■ 27.1650, 30.1912,
37.1966

■ 24.2962, 27.8675,
36.8998

■ 30.4316, 32.7470,
37.5182

■ 21.8054, 25.7630,
36.6248

■ 34.1097, 35.5398,
37.8634

■ 19.6749, 23.8692,
36.3716

■ 38.2152, 38.5787,
38.2336

■ 17.8845, 22.1756,
36.1390

■ 42.7627, 41.8716,
38.6295

■ 16.4120, 20.6703,
35.9261

■ 47.7658, 45.4256,
39.0518

■ 15.2323, 19.3403,
35.7316

■ 53.2378, 49.2477,
39.5012

■ 14.3165, 18.1704,
35.5540

■ 59.1912, 53.3447,
39.9782

■ 13.6196, 17.1371,
35.3913

■ 64.0750, 56.9171,
40.4103

■ 13.4256, 16.8382,
35.3438

■ 64.8038, 58.3746,
40.6532

Harmonies

Analogous

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



26.6714, 30.1912, 34.2508



27.1650, 30.1912, 37.1966



28.0743, 30.1912, 39.0472

Triad

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



27.1650, 30.1912, 37.1966



30.7776, 30.1912, 34.6989



28.2240, 30.1912, 27.2839

Complementary

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



27.1650, 30.1912, 37.1966



27.5517, 27.2139, 25.6312

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.



29.3265, 30.1912, 27.3868



27.1650, 30.1912, 37.1966



30.8202, 30.1912, 31.5328

Square

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



27.1650, 30.1912, 37.1966



30.1682, 30.1912, 37.5428



30.2831, 30.1912, 28.8983



27.2721, 30.1912, 28.6076

Rectangle

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



27.1650, 30.1912, 37.1966



28.8031, 30.1912, 39.3418



30.2831, 30.1912, 28.8983



28.5888, 30.1912, 27.1554

Sweetspot

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



27.1659, 30.1924, 37.1973



55.6841, 59.5560, 67.3040



26.4911, 31.5330, 28.6788



12.4595, 13.3544, 15.1646



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.



27.1659, 30.1924, 37.1973



46.8256, 52.6102, 66.4303



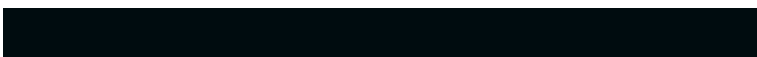
25.1014, 26.0635, 36.5091



6.6968, 7.2593, 8.4549



10.6356, 13.3628, 27.9260



0.2187, 0.2959, 0.5088

Inverse Universe

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



28.2998, 26.1741, 33.6989



49.2259, 44.2459, 58.9935



29.5865, 31.2835, 26.3095



6.8410, 6.7293, 8.0140



14.1666, 6.9712, 15.6601



0.2677, 0.1304, 0.3557

Previews

White Background



This preview shows how the XYZ color 27.1650, 30.1912, 37.1966 looks on a white background.

Color Contrast Check

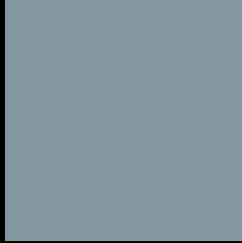
Large Text (above 18pt) WCAG AA × Fail

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 27.1650, 30.1912, 37.1966 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

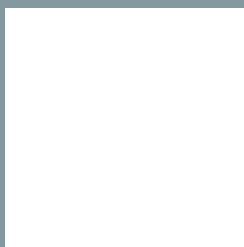
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1650, 30.1912, 37.1966

Background



This preview shows how black text looks on a background with the XYZ color 27.1650, 30.1912, 37.1966.



This preview shows how white text looks on a background with the XYZ color 27.1650, 30.1912,

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

27.1650, 30.1912, 37.1966

Protanopia

29.1683, 30.0641, 35.7181

Deuteranopia

30.6590, 30.0931, 37.9109



Tritanopia

27.6019, 30.1234, 39.4816

Trichromacy



Original Color

27.1650, 30.1912, 37.1966

Protanomaly

28.3198, 30.0867, 36.2130

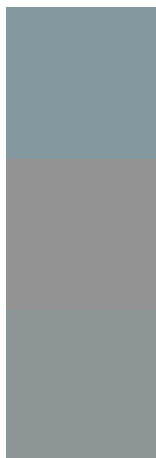
Deuteranomaly

29.3295, 30.1074, 37.5232

Tritanomaly

27.4227, 30.0517, 38.5376

Monochromacy



Original Color

27.1650, 30.1912, 37.1966

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4887, 29.4800, 33.5196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1650, 30.1912, 37.1966 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, 153, 159)` looks like.

```
.text, #text, p{  
    color:rgb(132, 153, 159)  
}
```

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, 153, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 153, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.1650, 30.1912, 37.1966 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, 153, 159) }
```


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

```
.border{ border-color:rgb(132, 153, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 153, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 153, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 153, 159);  
box-shadow:4px 4px 4px 4px rgb(132, 153,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1650, 30.1912, 37.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 153, 159) }
```

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

```
.background{ background-color: rgb(132,  
153, 159) }
```

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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