

Converting Colors

XYZ(27.8494, 29.8977, 36.1249)

Have a look what the booklet for
XYZ(27.8494, 29.8977, 36.1249)
contains.

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Color

**XYZ(27.8074, 29.8225,
36.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	8C969D
RGB	140, 150, 157
RGB Percent	55%, 59%, 62%
CMY	0.4510, 0.4118, 0.3843
CMYK	0.11, 0.04, 0.00, 0.38
HSL	205°, 8%, 58%
HSV	205°, 11%, 62%
XYZ	27.8074, 29.8225, 36.1890
YIQ	147.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

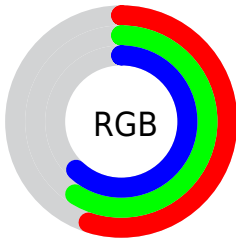
Format	Color
R_{YB}	140, 146, 157
Decimal	9213597
CIE _{Lab}	61.50, -2.13, -4.92
CIE _{LCh}	62, 5.356, 246.604
Yxy	29.8225, 0.2964, 0.3179
Android (android.graphics.Color)	4287403677 (0xFF8C969D)
YUV	147.8080, 4.5317, -6.8476
Hunter-Lab	54.6100, -4.6753, -1.0634

Details

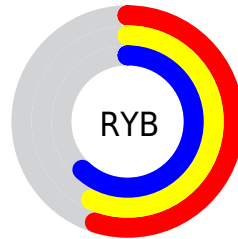
The XYZ color **27.8074, 29.8225, 36.1890** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.0721, 29.9288, 29.0561**, and the grayscale version is **28.0532, 29.5142, 32.1410**.

A 20% lighter version of the original color is **55.7247, 59.4085, 70.8173**, and **11.2798, 12.1379, 15.3840** is the 20% darker color. If you saturate the color by 10%, you get **24.3456, 26.5496, 35.7402**, and if you desaturate by 10%, it is **31.7054, 33.4062, 36.6758**.

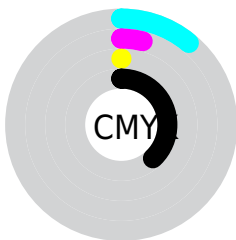
Distribution



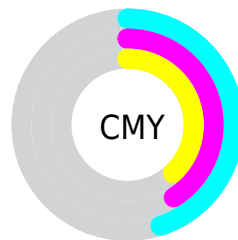
- Red (55%)
- Green (59%)
- Blue (62%)



- Red (55%)
- Yellow (57%)
- Blue (62%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (45%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8074, 29.8225, 36.1890 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 27.8074, 29.8225, 36.1890 by changing the saturation by 10% instead.

■ 27.8074, 29.8225,
36.1890

■ 27.8074, 29.8225,
36.1890

■ 283.6423,
301.0762, 344.8482

■ 18.3202, 19.7039,
24.2894

■ 55.5876, 59.3814,
70.4960

■ 11.2812, 12.1800,
15.3342

■ 74.6113, 79.5904,
93.7404

■ 6.3250, 6.8664,
8.9051

■ 97.5447, 103.9317,
121.6036

■ 3.0862, 3.3787,
4.5833

■ 124.7529,
132.7897, 154.5039

■ 1.1995, 1.3325,
1.9505

■ 156.6014,
166.5488, 192.8600

■ 0.1060, 0.1661,
0.5246

■ 193.4556,

■ 0.0000, 0.0000,

205.5933, 237.0904

0.0000

235.6807,
250.3076, 287.6136

■ 27.8074, 29.8225,
36.1890

■ 27.8074, 29.8225,
36.1890

■ 24.3456, 26.5496,
35.7402

■ 31.7054, 33.4062,
36.6758

■ 21.3004, 23.5739,
35.3263

■ 36.0527, 37.3066,
37.1995

■ 18.6549, 20.8859,
34.9469

■ 40.8652, 41.5338,
37.7618

■ 16.3895, 18.4742,
34.6008

■ 46.1573, 46.0965,
38.3635

■ 14.4834, 16.3265,
34.2867

■ 51.9426, 51.0031,
39.0057

■ 12.9130, 14.4292,
34.0033

■ 58.2341, 56.2614,
39.6890

■ 11.6519, 12.7672,
33.7490

■ 65.0446, 61.8790,
40.4144

■ 10.6693, 11.3230,
33.5220

■ 68.3772, 65.7969,
40.9950

■ 9.9456, 10.1537,
33.3344

■ 69.9226, 68.8877,
41.5101

Harmonies

Analogous

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



27.2648, 29.8225, 34.8562



27.8074, 29.8225, 36.1890



28.5025, 29.8225, 36.5072

Triad

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



27.8074, 29.8225, 36.1890



29.7215, 29.8225, 32.0246



27.5401, 29.8225, 29.4366

Complementary

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



27.8074, 29.8225, 36.1890



29.0721, 29.9288, 29.0561

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.



28.1889, 29.8225, 28.7450



27.8074, 29.8225, 36.1890



29.4541, 29.8225, 30.1984

Square

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



27.8074, 29.8225, 36.1890



29.6153, 29.8225, 34.0471



28.8903, 29.8225, 29.0180



27.1123, 29.8225, 30.9456

Rectangle

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



27.8074, 29.8225, 36.1890



28.9604, 29.8225, 36.0898



28.8903, 29.8225, 29.0180



27.7392, 29.8225, 29.1038

Sweetspot

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



27.8083, 29.8238, 36.1897



55.1551, 58.3469, 65.4818



28.1235, 31.7902, 32.1760



12.0146, 12.7275, 14.3938



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.



27.8083, 29.8238, 36.1897



48.2285, 51.9401, 64.6103



26.5300, 27.2672, 35.7636



6.5927, 7.0511, 8.4202



8.1146, 8.3207, 27.0856



0.1861, 0.2308, 0.4980

Inverse Universe

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



28.7884, 28.1269, 32.7674



50.3539, 48.3256, 57.1748



30.4101, 32.6047, 29.5021



6.7885, 6.7083, 7.7374



12.8941, 6.4622, 8.9592



0.2512, 0.1238, 0.2692

Previews

White Background



This preview shows how the XYZ color 27.8074, 29.8225, 36.1890 looks on a white background.

Color Contrast Check

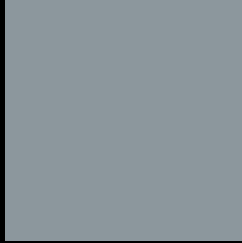
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8074, 29.8225, 36.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

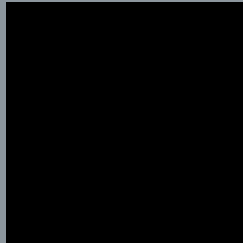
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

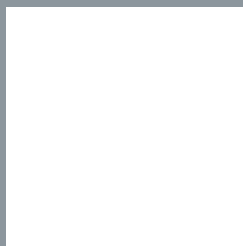
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8074, 29.8225, 36.1890

Background



This preview shows how black text looks on a background with the XYZ color 27.8074, 29.8225, 36.1890.



This preview shows how white text looks on a background with the XYZ color 27.8074, 29.8225,

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

27.8074, 29.8225, 36.1890

Protanopia

28.7445, 29.6236, 35.2133

Deuteranopia

30.2454, 29.6842, 36.4833



Tritanopia

28.1650, 29.7308, 37.9724

Trichromacy



Original Color

27.8074, 29.8225, 36.1890

Protanomaly

28.4447, 29.6911, 35.6842

Deuteranomaly

29.2129, 29.6057, 36.5225

Tritanomaly

28.0771, 29.6957, 37.5097

Monochromacy



Original Color

27.8074, 29.8225, 36.1890

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0104, 29.7490, 33.5440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8074, 29.8225, 36.1890 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(140, 150, 157) looks like.

```
.text, #text, p{  
    color:rgb(140, 150, 157)  
}
```

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(140, 150, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 150, 157) }
```

Border

The CSS property to change the border of an element to XYZ 27.8074, 29.8225, 36.1890 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(140, 150, 157) }
```


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

```
.border{ border-color:rgb(140, 150, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 150, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 150, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 150, 157);  
box-shadow:4px 4px 4px 4px rgb(140, 150,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8074, 29.8225, 36.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 150, 157) }
```

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

```
.background{ background-color: rgb(140,  
150, 157) }
```

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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