

Converting Colors

XYZ(29.7586, 36.9073, 59.5882)

Have a look what the booklet for
XYZ(29.7586, 36.9073, 59.5882)
contains.

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Color

**XYZ(29.7586, 36.9073,
59.5882)**

Conversions

Conversions Part 1

Format	Color
Hex	59AFC7
RGB	89, 175, 199
RGB Percent	35%, 69%, 78%
CMY	0.6510, 0.3137, 0.2196
CMYK	0.55, 0.12, 0.00, 0.22
HSL	193°, 50%, 56%
HSV	193°, 55%, 78%
XYZ	29.7586, 36.9073, 59.5882
YIQ	152.0220, -58.9600, -10.7680

Conversions

Conversions Part 2

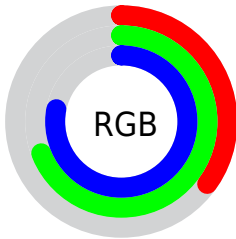
Format	Color
R _Y B	89, 137, 199
Decimal	5877703
CIE Lab	67.21, -19.14, -20.13
CIE LCh	67, 27.775, 226.452
Yxy	36.9073, 0.2357, 0.2923
Android (android.graphics.Color)	4284067783 (0xFF59AFC7)
YUV	152.0220, 23.1602, -55.2703
Hunter-Lab	60.7514, -18.8780, -15.6288

Details

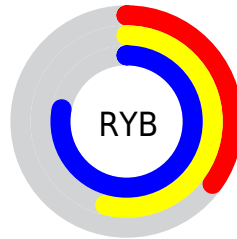
The XYZ color **29.7586, 36.9073, 59.5882** is a light color, and the websafe version is hex **669999**. The color can be described as light muted azure. A complement of this color would be **31.2624, 24.6747, 12.5674**, and the grayscale version is **29.7771, 31.3278, 34.1160**.

A 20% lighter version of the original color is **58.6585, 70.5749, 105.1384**, and **12.3015, 16.0826, 29.2440** is the 20% darker color. If you saturate the color by 10%, you get **27.2696, 34.3905, 59.2343**, and if you desaturate by 10%, it is **32.7932, 39.7472, 59.9771**.

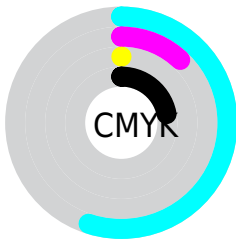
Distribution



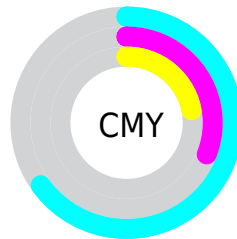
- Red (35%)
- Green (69%)
- Blue (78%)



- Red (35%)
- Yellow (54%)
- Blue (78%)



- Cyan (55%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (65%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7586, 36.9073, 59.5882 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 29.7586, 36.9073, 59.5882 by changing the saturation by 10% instead.

■ 29.7586, 36.9073,
59.5882

■ 29.7586, 36.9073,
59.5882

292.7077,
332.9090, 440.8406

■ 19.8026, 25.1357,
42.6637

■ 58.6695, 70.4302,
105.7696

■ 12.3591, 16.1782,
29.2919

■ 78.3550, 92.9503,
135.8635

■ 7.0626, 9.6503,
19.0543

■ 102.0145,
119.8220, 171.1843

■ 3.5480, 5.1677,
11.5323

■ 130.0132,
151.4298, 212.1506

■ 1.4497, 2.3460,
6.3074

162.7165,
188.1580, 259.1808

■ 0.2912, 0.7979,
2.9611

200.4898,

■ 0.0000, 0.0000,

230.3910, 312.6935

1.0748

243.6984,
278.5132, 373.1073

■ 0.0000, 0.0000,
0.0000

■ 29.7586, 36.9073,
59.5882

■ 29.7586, 36.9073,
59.5882

■ 27.2696, 34.3905,
59.2343

■ 32.7932, 39.7472,
59.9771

■ 25.2798, 32.1703,
58.9106

■ 36.4081, 42.9262,
60.4002

■ 23.7407, 30.2220,
58.6157

■ 40.6389, 46.4638,
60.8600

■ 22.5915, 28.5139,
58.3465

■ 45.5176, 50.3769,
61.3582

■ 22.1277, 27.7611,
58.2257

■ 51.0736, 54.6808,
61.8961

■ 57.3347, 59.3904,
62.4751

■ 64.3270, 64.5194,
63.0966

■ 72.0751, 70.0809,
63.7617

■ 75.6153, 73.5163,
64.2382

Harmonies

Analogous

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



27.8292, 36.9073, 47.1654



29.7586, 36.9073, 59.5882



33.2046, 36.9073, 67.4160

Triad

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



29.7586, 36.9073, 59.5882



43.6139, 36.9073, 45.9051



32.8213, 36.9073, 21.6999

Complementary

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



29.7586, 36.9073, 59.5882



31.2624, 24.6747, 12.5674

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.



37.0233, 36.9073, 21.4975



29.7586, 36.9073, 59.5882



43.4904, 36.9073, 33.9311

Square

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



29.7586, 36.9073, 59.5882



41.3241, 36.9073, 58.5069



40.9991, 36.9073, 25.5313



29.4976, 36.9073, 26.1546

Rectangle

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



29.7586, 36.9073, 59.5882



36.0031, 36.9073, 68.1266



40.9991, 36.9073, 25.5313



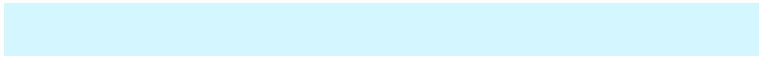
34.1714, 36.9073, 21.1686

Sweetspot

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



29.7598, 36.9087, 59.5891



77.9172, 86.7984, 107.2548



27.5155, 44.1601, 22.6485



16.2947, 18.2736, 22.9183



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.7598, 36.9087, 59.5891



47.0969, 59.5205, 103.6141



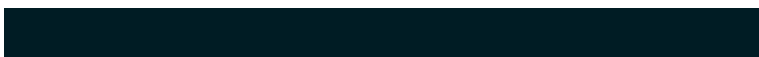
21.1663, 19.7218, 56.7246



10.7428, 11.6597, 13.6018



14.2951, 17.9841, 37.4622



0.7270, 0.9518, 1.7906

Inverse Universe

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



34.8644, 22.3832, 43.0417



57.3157, 33.1046, 69.8916



39.3292, 40.8082, 15.2563



10.9802, 10.7755, 12.8790



19.0148, 9.3555, 21.0857



0.9257, 0.4531, 1.1317

Previews

White Background



This preview shows how the XYZ color 29.7586, 36.9073, 59.5882 looks on a white background.

Color Contrast Check

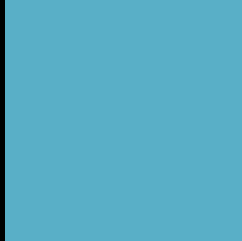
Large Text (above 18pt) WCAG AA × Fail

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 29.7586, 36.9073, 59.5882 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 29.7586, 36.9073, 59.5882

Background



This preview shows how black text looks on a background with the XYZ color 29.7586, 36.9073, 59.5882.



This preview shows how white text looks on a background with the XYZ color 29.7586, 36.9073,

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

29.7586, 36.9073, 59.5882

Protanopia

35.9438, 36.3755, 53.8419

Deuteranopia

37.1594, 36.3296, 60.9309



Tritanopia

28.7671, 36.7907, 54.8753

Trichromacy



Original Color

29.7586, 36.9073, 59.5882

Protanomaly

32.7776, 36.0282, 55.6787

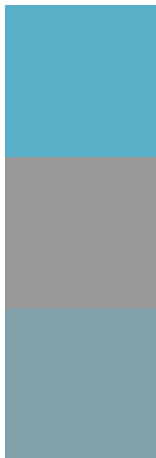
Deuteranomaly

33.6706, 36.1139, 60.4544

Tritanomaly

29.1934, 36.9719, 56.6366

Monochromacy



Original Color

29.7586, 36.9073, 59.5882

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.7855, 32.6733, 42.3255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7586, 36.9073, 59.5882 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(89, 175, 199)` looks like.

```
.text, #text, p{  
    color:rgb(89, 175, 199)  
}
```

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(89, 175, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 175, 199) }
```

Border

The CSS property to change the border of an element to XYZ 29.7586, 36.9073, 59.5882 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(89, 175, 199) }
```


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

```
.border{ border-color:rgb(89, 175, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 175, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 175, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 175, 199);  
box-shadow:4px 4px 4px 4px rgb(89, 175,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7586, 36.9073, 59.5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 175, 199) }
```

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

```
.background{ background-color: rgb(89, 175,  
199) }
```

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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