

Converting Colors

XYZ(30.4979, 27.0083, 56.4140)

Have a look what the booklet for
XYZ(30.4979, 27.0083, 56.4140)
contains.

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Color

**XYZ(30.4982, 27.0093,
56.4292)**

Conversions

Conversions Part 1

Format	Color
Hex	9385C5
RGB	147, 133, 197
RGB Percent	58%, 52%, 77%
CMY	0.4235, 0.4784, 0.2274
CMYK	0.25, 0.32, 0.00, 0.23
HSL	253°, 36%, 65%
HSV	253°, 32%, 77%
XYZ	30.4982, 27.0093, 56.4292
YIQ	144.4820, -12.2000, 22.8720

Conversions

Conversions Part 2

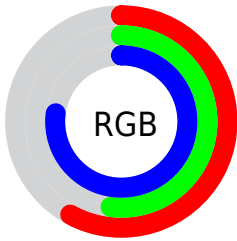
Format	Color
RYB	147, 133, 197
Decimal	9668037
CIELab	58.98, 19.10, -31.37
CIELCh	59, 36.728, 301.343
Yxy	27.0093, 0.2677, 0.2371
Android (android.graphics.Color)	4287858117 (0xFF9385C5)
YUV	144.4820, 25.8914, 2.2083
Hunter-Lab	51.9705, 13.8021, -27.9974

Details

The XYZ color **30.4982, 27.0093, 56.4292** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.7289, 51.6938, 29.8645**, and the grayscale version is **26.6066, 27.9923, 30.4836**.

A 20% lighter version of the original color is **59.8054, 54.8301, 101.1971**, and **12.7705, 10.6026, 27.3600** is the 20% darker color. If you saturate the color by 10%, you get **25.4722, 20.7835, 55.4929**, and if you desaturate by 10%, it is **36.4011, 34.4392, 57.5527**.

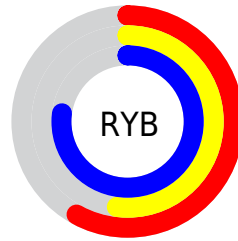
Distribution



Red (58%)

Green (52%)

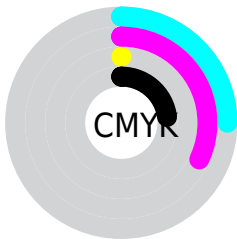
Blue (77%)



Red (58%)

Yellow (52%)

Blue (77%)

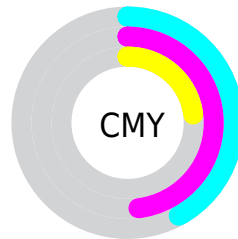


Cyan (25%)

Magenta (32%)

Yellow (0%)

Black (23%)



Cyan (42%)

Magenta (48%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4982, 27.0093, 56.4292 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 30.4982, 27.0093, 56.4292 by changing the saturation by 10% instead.

■ 30.4982, 27.0093,
56.4292

■ 30.4982, 27.0093,
56.4292

296.0882,
287.7021, 428.7407

■ 20.3670, 17.5802,
40.1408

■ 59.8304, 54.8988,
101.1239

■ 12.7719, 10.6490,
27.3338

■ 79.7621, 74.1280,
130.3673

■ 7.3476, 5.8314,
17.5894

■ 103.6913, 97.3927,
164.7661

■ 3.7287, 2.7428,
10.4892

131.9835,
125.0772, 204.7389

■ 1.5498, 0.9990,
5.6147

165.0039,
157.5660, 250.7042

■ 0.3593, 0.0000,
2.5473

203.1179,

■ 0.0000, 0.0000,

195.2435, 303.0806

0.8650

246.6909,
238.4941, 362.2866

■ 0.0000, 0.0000,
0.0000

■ 30.4982, 27.0093,
56.4292

■ 30.4982, 27.0093,
56.4292

■ 25.4722, 20.7835,
55.4929

■ 36.4011, 34.4392,
57.5527

■ 21.2775, 15.6944,
54.7316

■ 43.2180, 43.1294,
58.8707

■ 17.8683, 11.6728,
54.1351

■ 50.9872, 53.1362,
60.3928

■ 15.1931, 8.6404,
53.6908

■ 59.7440, 64.5118,
62.1270

■ 13.1940, 6.5082,
53.3846

■ 69.5219, 77.3054,
64.0810

■ 11.8031, 5.1700,
53.1996

■ 80.3525, 91.5638,
66.2623

■ 11.0784, 4.5469,
53.1175

■ 86.9814, 96.7614,
66.9162

■ 87.0781, 96.8113,
66.9207

Harmonies

Analogous

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



25.8772, 27.0093, 62.2563



30.4982, 27.0093, 56.4292



34.1425, 27.0093, 43.1405

Triad

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



30.4982, 27.0093, 56.4292



30.1014, 27.0093, 12.4418



17.8786, 27.0093, 29.9999

Complementary

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



30.4982, 27.0093, 56.4292



43.7289, 51.6938, 29.8645

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.



18.7322, 27.0093, 18.9518



30.4982, 27.0093, 56.4292



25.4670, 27.0093, 10.7941

Square

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



30.4982, 27.0093, 56.4292



33.8950, 27.0093, 18.2028



21.3830, 27.0093, 12.7758



18.8989, 27.0093, 44.4674

Rectangle

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



30.4982, 27.0093, 56.4292



35.3319, 27.0093, 33.3448



21.3830, 27.0093, 12.7758



17.9551, 27.0093, 25.7949

Sweetspot

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



30.4991, 27.0104, 56.4298



80.4946, 81.2112, 106.0405



36.7127, 42.9405, 59.1772



16.8221, 16.8599, 22.6176



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.



30.4991, 27.0104, 56.4298



48.0641, 40.2291, 99.8395



37.0260, 30.3751, 56.7353



10.2700, 10.3975, 13.3831



7.3459, 3.0212, 34.9403



0.4116, 0.1759, 1.6574

Inverse Universe

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



39.9614, 32.0652, 48.8833



67.7961, 50.7834, 83.5034



36.9879, 48.2187, 29.5490



10.9799, 10.7754, 12.8776



19.0087, 9.3530, 21.0533



0.9254, 0.4530, 1.1304

Previews

White Background



This preview shows how the XYZ color 30.4982, 27.0093, 56.4292 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 30.4982, 27.0093, 56.4292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

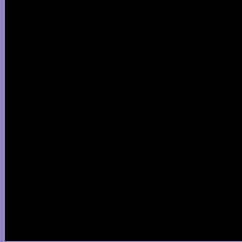
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4982, 27.0093, 56.4292

Background



This preview shows how black text looks on a background with the XYZ color 30.4982, 27.0093, 56.4292.



This preview shows how white text looks on a background with the XYZ color 30.4982, 27.0093,



Tritanopia

26.0702, 27.1349, 34.0005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4982, 27.0093, 56.4292 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(147, 133, 197)` looks like.

```
.text, #text, p{  
    color:rgb(147, 133, 197)  
}
```


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

```
.border{ border-color:rgb(147, 133, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 133, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 133, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 133, 197); box-shadow:4px 4px 4px 4px rgb(147, 133, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4982, 27.0093, 56.4292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 133, 197) }
```

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

```
.background{ background-color: rgb(147,  
133, 197) }
```

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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