

Converting Colors

XYZ(30.1603, 27.9583, 53.0919)

Have a look what the booklet for
XYZ(30.1603, 27.9583, 53.0919)
contains.

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Color

**XYZ(30.1695, 27.9583,
53.0966)**

Conversions

Conversions Part 1

Format	Color
Hex	918ABF
RGB	145, 138, 191
RGB Percent	57%, 54%, 75%
CMY	0.4314, 0.4588, 0.2510
CMYK	0.24, 0.28, 0.00, 0.25
HSL	248°, 29%, 65%
HSV	248°, 28%, 75%
XYZ	30.1695, 27.9583, 53.0966
YIQ	146.1350, -12.8410, 17.9670

Conversions

Conversions Part 2

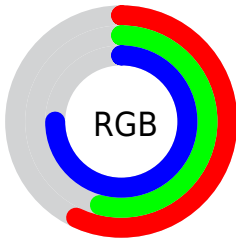
Format	Color
RYB	145, 138, 191
Decimal	9538239
CIELab	59.85, 14.13, -26.64
CIELCh	60, 30.158, 297.935
Yxy	27.9583, 0.2712, 0.2514
Android (android.graphics.Color)	4287728319 (0xFF918ABF)
YUV	146.1350, 22.1184, -0.9954
Hunter-Lab	52.8756, 9.3153, -22.5249

Details

The XYZ color **30.1695, 27.9583, 53.0966** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.9862, 49.2876, 31.2938**, and the grayscale version is **27.2936, 28.7150, 31.2707**.

A 20% lighter version of the original color is **59.3935, 56.3183, 96.5471**, and **12.5193, 11.1127, 25.1520** is the 20% darker color. If you saturate the color by 10%, you get **24.9554, 21.5544, 52.1358**, and if you desaturate by 10%, it is **36.2936, 35.5480, 54.2392**.

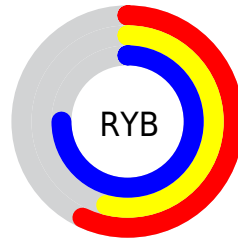
Distribution



Red (57%)

Green (54%)

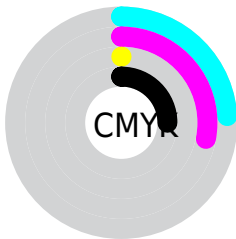
Blue (75%)



Red (57%)

Yellow (54%)

Blue (75%)

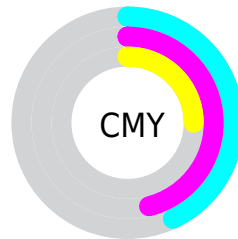


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (25%)



Cyan (43%)

Magenta (46%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1695, 27.9583, 53.0966 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 30.1695, 27.9583, 53.0966 by changing the saturation by 10% instead.

■ 30.1695, 27.9583,
53.0966

■ 30.1695, 27.9583,
53.0966

294.5894,
292.2676, 415.7324

■ 20.1160, 18.2942,
37.4916

■ 59.3149, 56.4179,
96.1895

■ 12.5881, 11.1614,
25.2896

■ 79.1375, 75.9821,
124.5145

■ 7.2206, 6.1755,
16.0720

■ 102.9472, 99.6153,
157.9166

■ 3.6480, 2.9521,
9.4202

131.1094,
127.7017, 196.8143

■ 1.5050, 1.1068,
4.9157

163.9893,
160.6257, 241.6262

■ 0.3292, 0.0000,
2.1400

201.9524,

■ 0.0000, 0.0000,

198.7718, 292.7709

0.6394

245.3640,
242.5243, 350.6667

■ 0.0000, 0.0000,
0.0000

■ 30.1695, 27.9583,
53.0966

■ 30.1695, 27.9583,
53.0966

■ 24.9554, 21.5544,
52.1358

■ 36.2936, 35.5480,
54.2392

■ 20.6050, 16.2729,
51.3457

■ 43.3655, 44.3757,
55.5704

■ 17.0718, 12.0498,
50.7167

■ 51.4245, 54.4948,
57.0989

■ 14.3040, 8.8129,
50.2378

■ 60.5065, 65.9544,
58.8321

■ 12.2437, 6.4813,
49.8964

■ 70.6459, 78.8010,
60.7774

■ 10.8245, 4.9607,
49.6777

■ 81.8752, 93.0791,
62.9415

■ 9.9563, 4.1156,
49.5603

■ 86.4041, 96.5416,
63.3711

■ 9.8105, 3.9712,
49.5401

Harmonies

Analogous

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



26.3094, 27.9583, 56.7116



30.1695, 27.9583, 53.0966



33.3052, 27.9583, 43.0471

Triad

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



30.1695, 27.9583, 53.0966



30.6718, 27.9583, 15.8550



19.8812, 27.9583, 29.6892

Complementary

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



30.1695, 27.9583, 53.0966



42.9862, 49.2876, 31.2938

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.



20.8161, 27.9583, 20.5742



30.1695, 27.9583, 53.0966



26.8394, 27.9583, 13.8729

Square

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



30.1695, 27.9583, 53.0966



33.6142, 27.9583, 21.6032



23.2753, 27.9583, 15.3688



20.5918, 27.9583, 41.4122

Rectangle

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



30.1695, 27.9583, 53.0966



34.4330, 27.9583, 35.0596



23.2753, 27.9583, 15.3688



20.0115, 27.9583, 26.2485

Sweetspot

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



30.1704, 27.9594, 53.0972



77.1550, 78.8352, 99.4293



37.1967, 43.7869, 55.7819



16.4961, 16.7529, 21.7495



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



30.1704, 27.9594, 53.0972



48.4475, 43.1984, 94.0638



35.2190, 30.5621, 53.3335



9.1305, 9.2842, 11.9830



6.4869, 2.6302, 32.5587



0.2927, 0.1229, 1.2772

Inverse Universe

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



39.2269, 32.7151, 49.5955



67.2908, 53.0996, 86.4945



37.3820, 46.3985, 31.0315



9.8743, 9.6740, 11.7269



18.6514, 9.0917, 24.5218



0.7459, 0.3622, 1.0410

Previews

White Background



This preview shows how the XYZ color 30.1695, 27.9583, 53.0966 looks on a white background.

Color Contrast Check

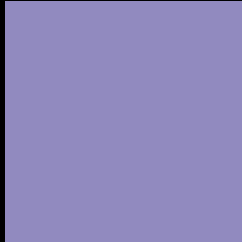
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1695, 27.9583, 53.0966 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 30.1695, 27.9583, 53.0966

Background



This preview shows how black text looks on a background with the XYZ color 30.1695, 27.9583, 53.0966.



This preview shows how white text looks on a background with the XYZ color 30.1695, 27.9583,

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

30.1695, 27.9583, 53.0966

Protanopia

28.4639, 27.9082, 54.9255

Deuteranopia

28.6401, 28.0503, 52.6199



Tritanopia

26.6074, 28.0544, 35.4652

Trichromacy



Original Color

30.1695, 27.9583, 53.0966

Protanomaly

29.1422, 28.0509, 54.3305

Deuteranomaly

29.1357, 28.0858, 52.6007

Tritanomaly

27.8189, 27.8733, 41.4500

Monochromacy



Original Color

30.1695, 27.9583, 53.0966

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.1981, 28.3645, 38.1711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1695, 27.9583, 53.0966 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(145, 138, 191)` looks like.

```
.text, #text, p{  
    color:rgb(145, 138, 191)  
}
```

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(145, 138, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 138, 191) }
```

Border

The CSS property to change the border of an element to XYZ 30.1695, 27.9583, 53.0966 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(145, 138, 191) }
```


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

```
.border{ border-color:rgb(145, 138, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 138, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 138, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 138, 191);  
box-shadow:4px 4px 4px 4px rgb(145, 138,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1695, 27.9583, 53.0966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 138, 191) }
```

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

```
.background{ background-color: rgb(145,  
138, 191) }
```

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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