

Converting Colors

XYZ(31.3825, 29.3583, 57.5619)

Have a look what the booklet for
XYZ(31.3825, 29.3583, 57.5619)
contains.

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Color

**XYZ(31.3676, 29.3525,
57.4384)**

Conversions

Conversions Part 1

Format	Color
Hex	908EC6
RGB	144, 142, 198
RGB Percent	56%, 56%, 78%
CMY	0.4353, 0.4431, 0.2235
CMYK	0.27, 0.28, 0.00, 0.22
HSL	242°, 33%, 67%
HSV	242°, 28%, 78%
XYZ	31.3676, 29.3525, 57.4384
YIQ	148.9820, -16.7840, 17.8400

Conversions

Conversions Part 2

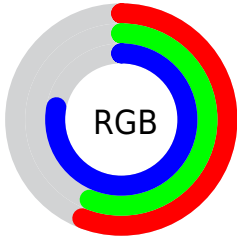
Format	Color
RYB	144, 142, 198
Decimal	9473734
CIELab	61.09, 13.24, -28.68
CIELCh	61, 31.592, 294.773
Yxy	29.3525, 0.2655, 0.2484
Android (android.graphics.Color)	4287663814 (0xFF908EC6)
YUV	148.9820, 24.1659, -4.3692
Hunter-Lab	54.1779, 8.5354, -24.9335

Details

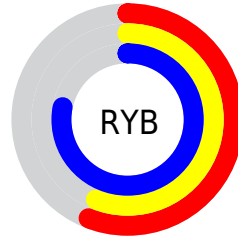
The XYZ color **31.3676, 29.3525, 57.4384** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.8423, 54.0776, 33.5088**, and the grayscale version is **28.4669, 29.9494, 32.6149**.

A 20% lighter version of the original color is **61.3431, 58.8420, 102.7322**, and **13.2748, 11.9432, 27.9912** is the 20% darker color. If you saturate the color by 10%, you get **25.6218, 22.3994, 56.3996**, and if you desaturate by 10%, it is **38.2026, 37.6452, 58.6793**.

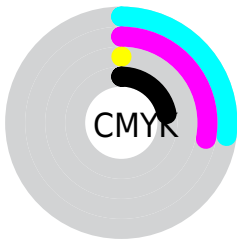
Distribution



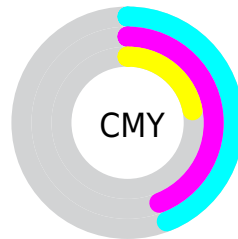
- Red (56%)
- Green (56%)
- Blue (78%)



- Red (56%)
- Yellow (56%)
- Blue (78%)



- Cyan (27%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)



- Cyan (44%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3676, 29.3525, 57.4384 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 31.3676, 29.3525, 57.4384 by changing the saturation by 10% instead.

■ 31.3676, 29.3525,
57.4384

■ 31.3676, 29.3525,
57.4384

300.0250,
298.8745, 432.6297

■ 21.0321, 19.3476,
40.9456

■ 61.1903, 58.6367,
102.6113

■ 13.2601, 11.9217,
27.9572

■ 81.4082, 78.6848,
132.1284

■ 7.6861, 6.6904,
18.0546

■ 105.6509,
102.8494, 166.8241

■ 3.9449, 3.2693,
10.8194

134.2839,
131.5150, 207.1169

■ 1.6710, 1.2739,
5.8329

167.6725,
165.0659, 253.4253

■ 0.4380, 0.1208,
2.6766

206.1819,

■ 0.0000, 0.0000,

203.8865, 306.1679

0.9316

250.1776,
248.3613, 365.7632

■ 0.0000, 0.0000,
0.0000

■ 31.3676, 29.3525,
57.4384

■ 31.3676, 29.3525,
57.4384

■ 25.6218, 22.3994,
56.3996

■ 38.2026, 37.6452,
58.6793

■ 20.9062, 16.7123,
55.5505

■ 46.1759, 47.3389,
60.1301

■ 17.1607, 12.2161,
54.8800

■ 55.3371, 58.4954,
61.8007

■ 14.3179, 8.8261,
54.3755

■ 65.7321, 71.1718,
63.6996

■ 12.3015, 6.4467,
54.0225

■ 77.4043, 85.4222,
65.8350

■ 11.0229, 4.9658,
53.8041

■ 87.1931, 96.8573,
67.5263

■ 10.3596, 4.2179,
53.6947

■ 10.2816, 4.1229,
53.6804

Harmonies

Analogous

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



27.1801, 29.3525, 60.4496



31.3676, 29.3525, 57.4384



34.9167, 29.3525, 46.9894

Triad

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



31.3676, 29.3525, 57.4384



32.7448, 29.3525, 16.7246



20.7011, 29.3525, 29.9285

Complementary

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



31.3676, 29.3525, 57.4384



47.8423, 54.0776, 33.5088

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.



21.8903, 29.3525, 20.5347



31.3676, 29.3525, 57.4384



28.6298, 29.3525, 14.2134

Square

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



31.3676, 29.3525, 57.4384



35.7653, 29.3525, 23.3301



24.6954, 29.3525, 15.4124



21.2794, 29.3525, 42.4918

Rectangle

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



31.3676, 29.3525, 57.4384



36.3025, 29.3525, 38.3265



24.6954, 29.3525, 15.4124



20.9036, 29.3525, 26.3405

Sweetspot

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



31.3686, 29.3537, 57.4391



82.0134, 84.1260, 106.5231



41.1192, 49.3687, 60.7885



17.0630, 17.4087, 22.7108



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.



31.3686, 29.3537, 57.4391



48.9889, 44.0386, 100.5260



36.8510, 32.1799, 57.6956



10.0911, 10.3052, 13.3747



6.7017, 2.6891, 34.9102



0.3298, 0.1338, 1.6536

Inverse Universe

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



42.9263, 35.3384, 56.7840



72.8537, 56.3984, 99.0624



41.2543, 50.6813, 33.2005



11.0661, 10.8098, 13.3315



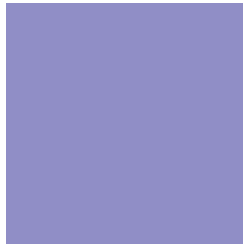
21.2630, 10.2548, 32.9244



1.0120, 0.4877, 1.5865

Previews

White Background



This preview shows how the XYZ color 31.3676, 29.3525, 57.4384 looks on a white background.

Color Contrast Check

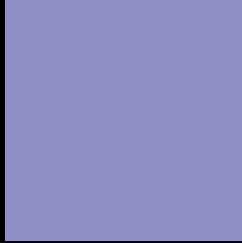
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3676, 29.3525, 57.4384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

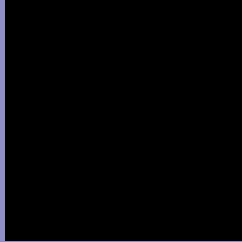
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.3676, 29.3525, 57.4384

Background



This preview shows how black text looks on a background with the XYZ color 31.3676, 29.3525, 57.4384.



This preview shows how white text looks on a background with the XYZ color 31.3676, 29.3525,

57.4384.

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

31.3676, 29.3525, 57.4384

Protanopia

30.0281, 29.2931, 59.3298

Deuteranopia

30.0350, 29.3503, 56.9055



Tritanopia

27.4970, 29.3865, 37.9411

Trichromacy



Original Color

31.3676, 29.3525, 57.4384

Protanomaly

30.5519, 29.3509, 58.6986

Deuteranomaly

30.5325, 29.3810, 56.8852

Tritanomaly

28.7341, 29.1892, 44.1640

Monochromacy



Original Color

31.3676, 29.3525, 57.4384

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.2866, 29.5508, 40.7195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3676, 29.3525, 57.4384 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(144, 142, 198)` looks like.

```
.text, #text, p{  
    color:rgb(144, 142, 198)  
}
```

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(144, 142, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 142, 198) }
```

Border

The CSS property to change the border of an element to XYZ 31.3676, 29.3525, 57.4384 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(144, 142, 198) }
```


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

```
.border{ border-color:rgb(144, 142, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 142, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 142, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 142, 198);  
box-shadow:4px 4px 4px 4px rgb(144, 142,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3676, 29.3525, 57.4384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 142, 198) }
```

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

```
.background{ background-color: rgb(144,  
142, 198) }
```

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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