

Converting Colors

XYZ(30.0194, 25.7441, 56.1128)

Have a look what the booklet for
XYZ(30.0194, 25.7441, 56.1128)
contains.

XYZ(30.0100, 25.7655, 56.2149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.0100, 25.7655,
56.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	9480C5
RGB	148, 128, 197
RGB Percent	58%, 50%, 77%
CMY	0.4196, 0.4980, 0.2274
CMYK	0.25, 0.35, 0.00, 0.23
HSL	257°, 37%, 64%
HSV	257°, 35%, 77%
XYZ	30.0100, 25.7655, 56.2149
YIQ	141.8460, -10.2290, 25.6990

Conversions

Conversions Part 2

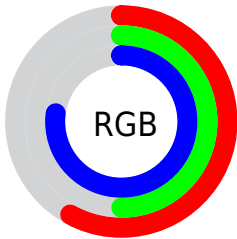
Format	Color
R_{YB}	148, 128, 197
Decimal	9732293
CIE _{Lab}	57.81, 22.31, -33.18
CIE _{LCh}	58, 39.982, 303.913
Yxy	25.7655, 0.2680, 0.2301
Android (android.graphics.Color)	4287922373 (0xFF9480C5)
YUV	141.8460, 27.1909, 5.3971
Hunter-Lab	50.7597, 16.7027, -30.1301

Details

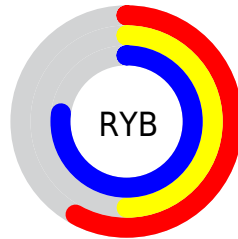
The XYZ color **30.0100, 25.7655, 56.2149** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.9947, 50.8387, 28.0226**, and the grayscale version is **25.5500, 26.8806, 29.2730**.

A 20% lighter version of the original color is **59.0419, 52.9000, 100.8648**, and **12.5778, 10.0619, 27.2658** is the 20% darker color. If you saturate the color by 10%, you get **25.3062, 19.8898, 55.3291**, and if you desaturate by 10%, it is **35.5203, 32.7986, 57.2824**.

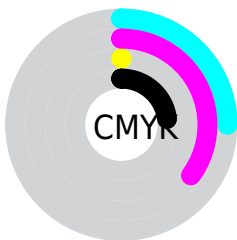
Distribution



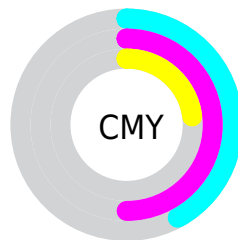
- Red (58%)
- Green (50%)
- Blue (77%)



- Red (58%)
- Yellow (50%)
- Blue (77%)



- Cyan (25%)
- Magenta (35%)
- Yellow (0%)
- Black (23%)



- Cyan (42%)
- Magenta (50%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0100, 25.7655, 56.2149 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 30.0100, 25.7655, 56.2149 by changing the saturation by 10% instead.

■ 30.0100, 25.7655,
56.2149

■ 30.0100, 25.7655,
56.2149

293.8601,
281.6290, 427.9119

■ 19.9943, 16.6483,
39.9701

■ 59.0645, 52.8964,
100.8076

■ 12.4991, 9.9841,
27.2016

■ 78.8340, 71.6789,
129.9927

■ 7.1592, 5.3884,
17.4909

■ 102.5855, 94.4519,
164.3282

■ 3.6091, 2.4769,
10.4195

130.6843,
121.5999, 204.2327

■ 1.4834, 0.8650,
5.5687

163.4958,
153.5072, 250.1248

■ 0.3145, 0.0000,
2.5202

201.3854,

■ 0.0000, 0.0000,

190.5582, 302.4230

0.8508

244.7183,
233.1374, 361.5459

■ 0.0000, 0.0000,
0.0000

■ 30.0100, 25.7655,
56.2149

■ 30.0100, 25.7655,
56.2149

■ 25.3062, 19.8898,
55.3291

■ 35.5203, 32.7986,
57.2824

■ 21.3664, 15.1048,
54.6132

■ 41.8713, 41.0447,
58.5394

■ 18.1481, 11.3417,
54.0565

■ 49.0986, 50.5593,
59.9949

■ 15.6029, 8.5224,
53.6464

■ 57.2348, 61.3937,
61.6574

■ 13.6762, 6.5568,
53.3686

■ 66.3106, 73.5962,
63.5343

■ 12.3030, 5.3362,
53.2053

■ 76.3556, 87.2127,
65.6332

■ 11.7713, 4.9041,
53.1500

■ 83.8202, 95.1317,
66.7683

■ 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.



25.1248, 25.7655, 63.5650



30.0100, 25.7655, 56.2149



33.7522, 25.7655, 41.3612

Triad

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



30.0100, 25.7655, 56.2149



28.7775, 25.7655, 10.3773



16.3851, 25.7655, 29.8977

Complementary

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



30.0100, 25.7655, 56.2149



41.9947, 50.8387, 28.0226

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.



17.0981, 25.7655, 17.9597



30.0100, 25.7655, 56.2149



23.8646, 25.7655, 9.0794

Square

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



30.0100, 25.7655, 56.2149



32.9779, 25.7655, 15.7367



19.6910, 25.7655, 11.3352



17.5988, 25.7655, 45.5434

Rectangle

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



30.0100, 25.7655, 56.2149



34.8645, 25.7655, 30.9522



19.6910, 25.7655, 11.3352



16.4084, 25.7655, 25.3430

Sweetspot

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



30.0109, 25.7665, 56.2155



79.7929, 79.8067, 105.8064



34.7921, 40.2436, 58.7579



16.7062, 16.5924, 22.5721



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.



30.0109, 25.7665, 56.2155



47.2016, 37.9454, 99.4441



37.1012, 29.4217, 56.5473



10.3407, 10.4339, 13.3864



7.8152, 3.2631, 34.9623



0.4434, 0.1923, 1.6589

Inverse Universe

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



38.6817, 30.4839, 45.4409



65.2628, 47.7879, 76.2742



35.1824, 47.3269, 27.7038



10.9470, 10.7622, 12.7041



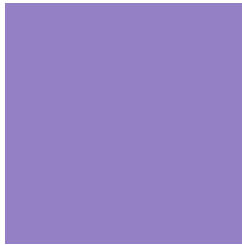
18.2915, 9.0662, 17.2770



0.8964, 0.4414, 0.9777

Previews

White Background



This preview shows how the XYZ color 30.0100, 25.7655, 56.2149 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 30.0100, 25.7655, 56.2149 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 30.0100, 25.7655, 56.2149

Background



This preview shows how black text looks on a background with the XYZ color 30.0100, 25.7655, 56.2149.



This preview shows how white text looks on a background with the XYZ color 30.0100, 25.7655,

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

30.0100, 25.7655, 56.2149

Protanopia

27.1809, 26.0329, 60.7190

Deuteranopia

26.4037, 25.7534, 55.2090



Tritanopia

25.1608, 25.8359, 32.0945

Trichromacy



Original Color

30.0100, 25.7655, 56.2149

Protanomaly

27.9698, 25.8564, 58.7750

Deuteranomaly

27.6948, 25.7815, 55.7412

Tritanomaly

26.5634, 25.5542, 39.6088

Monochromacy



Original Color

30.0100, 25.7655, 56.2149

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.9688, 26.4292, 37.8624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0100, 25.7655, 56.2149 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(148, 128, 197)` looks like.

```
.text, #text, p{  
    color:rgb(148, 128, 197)  
}
```

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(148, 128, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 128, 197) }
```

Border

The CSS property to change the border of an element to XYZ 30.0100, 25.7655, 56.2149 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(148, 128, 197) }
```


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

```
.border{ border-color:rgb(148, 128, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 128, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 128, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 128, 197);  
box-shadow:4px 4px 4px 4px rgb(148, 128,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0100, 25.7655, 56.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 128, 197) }
```

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

```
.background{ background-color: rgb(148,  
128, 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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