

Converting Colors

XYZ(34.5776, 25.2493, 56.4772)

Have a look what the booklet for
XYZ(34.5776, 25.2493, 56.4772)
contains.

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Color

**XYZ(34.5776, 25.2493,
56.4772)**

Conversions

Conversions Part 1

Format	Color
Hex	B370C6
RGB	179, 112, 198
RGB Percent	70%, 44%, 78%
CMY	0.2980, 0.5608, 0.2235
CMYK	0.10, 0.43, 0.00, 0.22
HSL	287°, 43%, 61%
HSV	287°, 43%, 78%
XYZ	34.5776, 25.2493, 56.4772
YIQ	141.8370, 12.3260, 40.9500

Conversions

Conversions Part 2

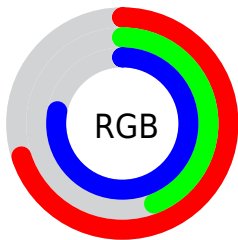
Format	Color
R _{YB}	179, 112, 198
Decimal	11759814
CIE _{Lab}	57.32, 40.91, -34.28
CIE _{LCh}	57, 53.378, 320.036
Yxy	25.2493, 0.2973, 0.2171
Android (android.graphics.Color)	4289949894 (0xFFB370C6)
YUV	141.8370, 27.6884, 32.5920
Hunter-Lab	50.2487, 34.8959, -31.4651

Details

The XYZ color **34.5776, 25.2493, 56.4772** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **32.4796, 46.3839, 22.5716**, and the grayscale version is **25.5383, 26.8683, 29.2596**.

A 20% lighter version of the original color is **66.0972, 51.9631, 101.1539**, and **15.0150, 9.6362, 27.4542** is the 20% darker color. If you saturate the color by 10%, you get **31.6336, 20.8378, 55.7813**, and if you desaturate by 10%, it is **38.0358, 30.6401, 57.3359**.

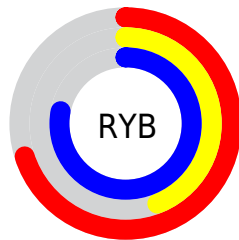
Distribution



Red (70%)

Green (44%)

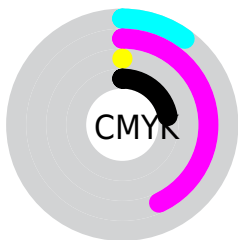
Blue (78%)



Red (70%)

Yellow (44%)

Blue (78%)

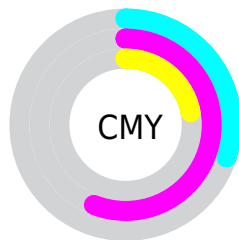


Cyan (10%)

Magenta (43%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (56%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5776, 25.2493, 56.4772 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 34.5776, 25.2493, 56.4772 by changing the saturation by 10% instead.

34.5776, 25.2493,
56.4772

34.5776, 25.2493,
56.4772

314.2407,
279.0772, 428.9261

23.5027, 16.2629,
40.1791

66.1692, 52.0614,
101.1947

15.0878, 9.7104,
27.3634

87.4166, 70.6558,
130.4512

8.9678, 5.2074,
17.6115

112.7856, 93.2217,
164.8642

4.7771, 2.3694,
10.5049

142.6414,
120.1435, 204.8523

2.1505, 0.8101,
5.6250

177.3495,
151.8056, 250.8340

0.7164, 0.0000,
2.5534

217.2751,

0.0000, 0.0000,

188.5923, 303.2278

0.8682

262.7838,
230.8880, 362.4524

■ 0.0000, 0.0000,
0.0000

■ 34.5776, 25.2493,
56.4772

■ 34.5776, 25.2493,
56.4772

■ 31.6336, 20.8378,
55.7813

■ 38.0358, 30.6401,
57.3359

■ 29.1689, 17.3386,
55.2357

■ 42.0348, 37.0651,
58.3652

■ 27.1486, 14.6813,
54.8293

■ 46.6023, 44.5788,
59.5748

■ 25.5312, 12.7836,
54.5483

■ 51.7635, 53.2308,
60.9728

■ 24.2670, 11.5463,
54.3761

■ 57.5419, 63.0679,
62.5670

■ 23.5684, 10.9725,
54.3021

■ 63.9596, 74.1341,
64.3647

■ 71.0378, 86.4710,
66.3729

■ 73.6837, 89.8929,
66.8939

■ 74.9777, 90.5599,
66.9545

Harmonies

Analogous

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



28.4107, 25.2493, 74.9070



34.5776, 25.2493, 56.4772



38.0786, 25.2493, 33.9694

Triad

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



34.5776, 25.2493, 56.4772



26.1650, 25.2493, 5.4789



14.2912, 25.2493, 41.2333

Complementary

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



34.5776, 25.2493, 56.4772



32.4796, 46.3839, 22.5716

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.



13.9037, 25.2493, 21.8956



34.5776, 25.2493, 56.4772



20.0689, 25.2493, 6.0367

Square

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



34.5776, 25.2493, 56.4772



32.6875, 25.2493, 8.5064



15.8329, 25.2493, 10.6413



17.0047, 25.2493, 63.7554

Rectangle

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



34.5776, 25.2493, 56.4772



38.0750, 25.2493, 21.8589



15.8329, 25.2493, 10.6413



13.9055, 25.2493, 34.0186

Sweetspot

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



34.5785, 25.2504, 56.4777



82.7281, 79.2802, 105.5501



25.1365, 24.0438, 56.7425



17.2990, 16.2921, 22.4829



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.



34.5785, 25.2504, 56.4777



56.3303, 37.3586, 98.8497



36.8280, 26.6929, 43.8038



10.8450, 10.6939, 13.4100



15.4027, 7.1746, 35.3174



0.7877, 0.3698, 1.6750

Inverse Universe

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



33.1804, 25.2339, 24.5957



53.8913, 37.5345, 33.9795



31.2455, 45.5809, 30.0494



10.7282, 10.6747, 11.5521



15.4645, 7.9354, 2.3901



0.7603, 0.3870, 0.2611

Previews

White Background



This preview shows how the XYZ color 34.5776, 25.2493, 56.4772 looks on a white background.

Color Contrast Check

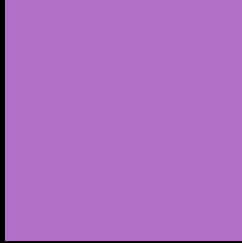
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5776, 25.2493, 56.4772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

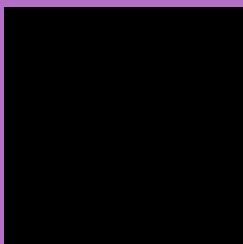
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.5776, 25.2493, 56.4772

Background



This preview shows how black text looks on a background with the XYZ color 34.5776, 25.2493, 56.4772.



This preview shows how white text looks on a background with the XYZ color 34.5776, 25.2493,

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

34.5776, 25.2493, 56.4772

Protanopia

27.3823, 25.5157, 69.8115

Deuteranopia

26.0375, 25.3805, 53.9787



Tritanopia

28.4824, 25.2453, 26.6642

Trichromacy



Original Color

34.5776, 25.2493, 56.4772

Protanomaly

29.0201, 24.8684, 64.8986

Deuteranomaly

28.4242, 24.7816, 54.9150

Tritanomaly

30.3290, 25.0622, 36.0399

Monochromacy



Original Color

34.5776, 25.2493, 56.4772

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.1555, 25.8098, 37.6803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5776, 25.2493, 56.4772 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(179, 112, 198)` looks like.

```
.text, #text, p{  
    color:rgb(179, 112, 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(179, 112, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 112, 198) }
```

Border

The CSS property to change the border of an element to XYZ 34.5776, 25.2493, 56.4772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

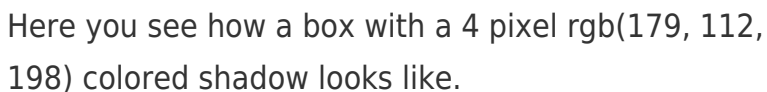
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 112, 198) }
```


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

```
.border{ border-color:rgb(179, 112, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 112, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 112, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 112, 198); box-shadow:4px 4px 4px 4px rgb(179, 112, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5776, 25.2493, 56.4772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 112, 198) }
```

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

```
.background{ background-color: rgb(179,  
112, 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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