

Converting Colors

XYZ(34.1951, 28.0771, 45.9471)

Have a look what the booklet for
XYZ(34.1951, 28.0771, 45.9471)
contains.

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Color

**XYZ(34.1152, 28.1177,
45.7487)**

Conversions

Conversions Part 1

Format	Color
Hex	B280B2
RGB	178, 128, 178
RGB Percent	70%, 50%, 70%
CMY	0.3020, 0.4980, 0.3020
CMYK	0.00, 0.28, 0.00, 0.30
HSL	300°, 25%, 60%
HSV	300°, 28%, 70%
XYZ	34.1152, 28.1177, 45.7487
YIQ	148.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

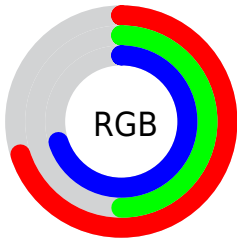
Format	Color
R_{YB}	178, 128, 178
Decimal	11698354
CIE _{Lab}	59.99, 27.77, -18.77
CIE _{LCh}	60, 33.521, 325.945
Yxy	28.1177, 0.3159, 0.2604
Android (android.graphics.Color)	4289888434 (0xFFB280B2)
YUV	148.6500, 14.4695, 25.7399
Hunter-Lab	53.0261, 22.0451, -14.0346

Details

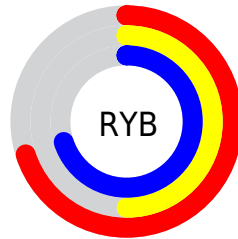
The XYZ color **34.1152, 28.1177, 45.7487** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **28.7200, 37.9895, 26.2427**, and the grayscale version is **28.3581, 29.8349, 32.4902**.

A 20% lighter version of the original color is **65.3068, 56.4807, 85.3017**, and **14.8835, 11.2894, 20.7967** is the 20% darker color. If you saturate the color by 10%, you get **31.9943, 23.8754, 45.0419**, and if you desaturate by 10%, it is **36.6451, 33.1770, 46.5924**.

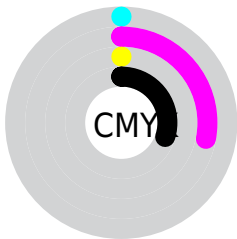
Distribution



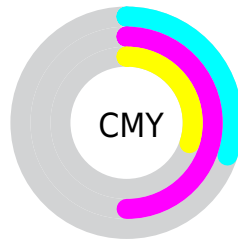
- Red (70%)
- Green (50%)
- Blue (70%)



- Red (70%)
- Yellow (50%)
- Blue (70%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (30%)





- Cyan (30%)
- Magenta (50%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1152, 28.1177, 45.7487 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 34.1152, 28.1177, 45.7487 by changing the saturation by 10% instead.


 34.1152, 28.1177,
45.7487


 34.1152, 28.1177,
45.7487


312.2223,
293.0289, 386.0456


 23.1454, 18.4144,
31.7003


 65.4559, 56.6723,
85.1731

 14.8222, 11.2479,
20.8698


 86.5575, 76.2924,
111.3862

 8.7802, 6.2338,
12.8385


 111.7671, 99.9869,
142.4913

 4.6541, 2.9878,
7.1880

141.4500,
128.1401, 178.9069

 2.0784, 1.1254,
3.4998

175.9716,
161.1366, 221.0516

 0.6774, 0.0000,
1.3551

215.6973,

 0.0000, 0.0000,

199.3606, 269.3440

0.1063

260.9924,
243.1966, 324.2024

■ 0.0000, 0.0000,
0.0000

■ 34.1152, 28.1177,
45.7487

■ 34.1152, 28.1177,
45.7487

■ 31.9943, 23.8754,
45.0419

■ 36.6451, 33.1770,
46.5924

■ 30.2586, 20.4040,
44.4633

■ 39.6012, 39.0891,
47.5779

■ 28.8856, 17.6581,
44.0055

■ 43.0027, 45.8920,
48.7118

■ 27.8497, 15.5864,
43.6601

■ 46.8670, 53.6206,
50.0000

■ 27.1219, 14.1307,
43.4174

■ 51.2106, 62.3077,
51.4479

■ 26.6682, 13.2233,
43.2661

■ 56.0490, 71.9846,
53.0609

■ 26.4332, 12.7533,
43.1877

■ 61.3972, 82.6810,
54.8437

■ 26.3962, 12.6795,
43.1753

■ 62.1565, 84.1996,
55.0969

■ 62.1566, 84.1996,
55.0970

Harmonies

Analogous

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



30.4778, 28.1177, 56.9781



34.1152, 28.1177, 45.7487



35.7730, 28.1177, 32.3071

Triad

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



34.1152, 28.1177, 45.7487



27.3094, 28.1177, 12.6494



20.0054, 28.1177, 42.0894

Complementary

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



34.1152, 28.1177, 45.7487



28.7200, 37.9895, 26.2427

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.



19.3479, 28.1177, 28.9838



34.1152, 28.1177, 45.7487



23.2937, 28.1177, 13.9742

Square

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



34.1152, 28.1177, 45.7487



31.5878, 28.1177, 14.9825



20.4875, 28.1177, 19.2523



22.3888, 28.1177, 54.5010

Rectangle

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



34.1152, 28.1177, 45.7487



35.4157, 28.1177, 24.6033



20.4875, 28.1177, 19.2523



19.5869, 28.1177, 37.5349

Sweetspot

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



34.1161, 28.1189, 45.7493



71.7842, 70.8266, 86.2685



24.6584, 23.2433, 45.3070



15.7149, 15.3138, 19.0498



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.1161, 28.1189, 45.7493



59.2837, 45.8257, 82.1012



31.8301, 27.2045, 33.7115



8.8501, 8.6467, 10.7088



18.8865, 9.0722, 30.8919



0.5943, 0.2854, 0.9720

Inverse Universe

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



34.1161, 28.1189, 45.7493



59.2837, 45.8257, 82.1012



30.5734, 38.7308, 36.0026



8.8501, 8.6467, 10.7088



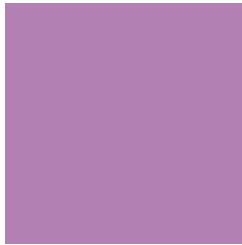
18.8865, 9.0722, 30.8919



0.5943, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 34.1152, 28.1177, 45.7487 looks on a white background.

Color Contrast Check

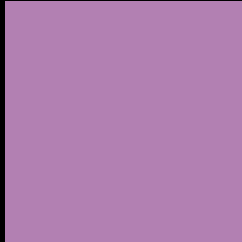
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1152, 28.1177, 45.7487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

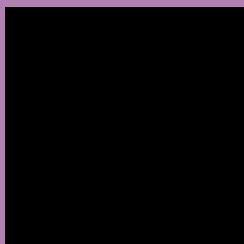
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.1152, 28.1177, 45.7487

Background



This preview shows how black text looks on a background with the XYZ color 34.1152, 28.1177, 45.7487.



This preview shows how white text looks on a background with the XYZ color 34.1152, 28.1177,

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

34.1152, 28.1177, 45.7487

Protanopia

28.6806, 28.3056, 52.0960

Deuteranopia

28.9125, 28.3704, 44.5096



Tritanopia

30.8695, 27.9788, 30.5615

Trichromacy



Original Color

34.1152, 28.1177, 45.7487

Protanomaly

30.2399, 28.0693, 49.7230

Deuteranomaly

30.4924, 28.0938, 44.8898

Tritanomaly

32.0163, 28.0508, 35.6252

Monochromacy



Original Color

34.1152, 28.1177, 45.7487

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.3672, 29.0614, 37.2666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1152, 28.1177, 45.7487 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(178, 128, 178)` looks like.

```
.text, #text, p{  
    color:rgb(178, 128, 178)  
}
```

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(178, 128, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 128, 178) }
```

Border

The CSS property to change the border of an element to XYZ 34.1152, 28.1177, 45.7487 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(178, 128, 178) }
```


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

```
.border{ border-color:rgb(178, 128, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 128, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 128, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 128, 178);  
box-shadow:4px 4px 4px 4px rgb(178, 128,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1152, 28.1177, 45.7487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 128, 178) }
```

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

```
.background{ background-color: rgb(178,  
128, 178) }
```

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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