

Converting Colors

XYZ(33.6859, 30.1446, 57.5346)

Have a look what the booklet for
XYZ(33.6859, 30.1446, 57.5346)
contains.

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Color

**XYZ(33.6717, 30.1025,
57.4618)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8CC6
RGB	158, 140, 198
RGB Percent	62%, 55%, 78%
CMY	0.3804, 0.4510, 0.2235
CMYK	0.20, 0.29, 0.00, 0.22
HSL	259°, 34%, 66%
HSV	259°, 29%, 78%
XYZ	33.6717, 30.1025, 57.4618
YIQ	151.9940, -7.8900, 21.8540

Conversions

Conversions Part 2

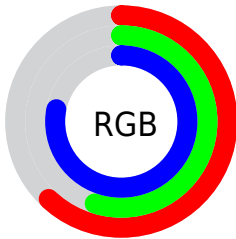
Format	Color
R_{YB}	158, 140, 198
Decimal	10390726
CIE _{Lab}	61.74, 18.69, -27.58
CIE _{LCh}	62, 33.321, 304.124
Yxy	30.1025, 0.2777, 0.2483
Android (android.graphics.Color)	4288580806 (0xFF9E8CC6)
YUV	151.9940, 22.6810, 5.2673
Hunter-Lab	54.8657, 13.5323, -23.6894

Details

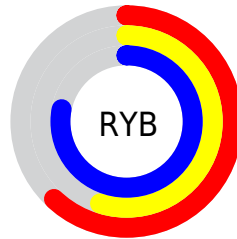
The XYZ color **33.6717, 30.1025, 57.4618** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.7510, 51.9857, 32.5405**, and the grayscale version is **29.7510, 31.3003, 34.0861**.

A 20% lighter version of the original color is **64.7824, 59.9497, 102.7648**, and **14.6341, 12.3901, 28.0058** is the 20% darker color. If you saturate the color by 10%, you get **28.4964, 23.5197, 56.4645**, and if you desaturate by 10%, it is **39.6681, 37.8827, 58.6480**.

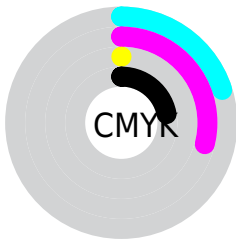
Distribution



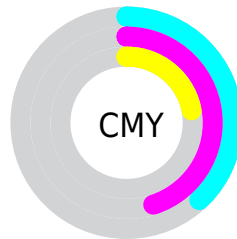
- Red (62%)
- Green (55%)
- Blue (78%)



- Red (62%)
- Yellow (55%)
- Blue (78%)



- Cyan (20%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6717, 30.1025, 57.4618 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 33.6717, 30.1025, 57.4618 by changing the saturation by 10% instead.

■ 33.6717, 30.1025,
57.4618

■ 33.6717, 30.1025,
57.4618

310.2774,
302.3819, 432.7196

■ 22.8032, 19.9164,
40.9643

■ 64.7705, 59.8242,
102.6457

■ 14.5682, 12.3343,
27.9717

■ 85.7315, 80.1287,
132.1692

■ 8.6012, 6.9718,
18.0655

■ 110.7874,
104.5747, 166.8718

■ 4.5370, 3.4445,
10.8271

140.3035,
133.5466, 207.1719

■ 2.0102, 1.3679,
5.8380

174.6452,
167.4289, 253.4883

■ 0.6397, 0.1929,
2.6796

214.1779,

■ 0.0000, 0.0000,

206.6060, 306.2393

0.9331

259.2668,
251.4622, 365.8436

■ 0.0000, 0.0000,
0.0000

■ 33.6717, 30.1025,
57.4618

■ 33.6717, 30.1025,
57.4618

■ 28.4964, 23.5197,
56.4645

■ 39.6681, 37.8827,
58.6480

■ 24.1014, 18.0698,
55.6442

■ 46.5176, 46.9132,
60.0300

■ 20.4471, 13.6877,
54.9909

■ 54.2543, 57.2479,
61.6171

■ 17.4887, 10.2999,
54.4929

■ 62.9094, 68.9366,
63.4170

■ 15.1760, 7.8232,
54.1368

■ 72.5124, 82.0264,
65.4375

■ 13.4511, 6.1604,
53.9068

■ 81.8660, 94.1110,
67.2771

■ 12.2211, 5.1453,
53.7756

■ 86.6762, 96.5908,
67.5022

■ 12.1453, 5.0836,
53.7677

■ 87.1931, 96.8573,
67.5264

Harmonies

Analogous

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



29.2297, 30.1025, 63.7021



33.6717, 30.1025, 57.4618



36.9985, 30.1025, 44.6437

Triad

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



33.6717, 30.1025, 57.4618



32.5005, 30.1025, 15.3357



20.9149, 30.1025, 34.5661

Complementary

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



33.6717, 30.1025, 57.4618



43.7510, 51.9857, 32.5405

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.



21.5987, 30.1025, 23.2241



33.6717, 30.1025, 57.4618



28.0021, 30.1025, 13.9413

Square

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



33.6717, 30.1025, 57.4618



36.2747, 30.1025, 20.8872



24.0855, 30.1025, 16.4197



22.1116, 30.1025, 48.4906

Rectangle

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



33.6717, 30.1025, 57.4618



37.9693, 30.1025, 35.3432



24.0855, 30.1025, 16.4197



20.9333, 30.1025, 30.3372

Sweetspot

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



33.6727, 30.1037, 57.4625



82.5755, 83.3421, 106.3422



37.4519, 42.5390, 59.6635



17.2695, 17.3014, 22.6792



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.



33.6727, 30.1037, 57.4625



53.7475, 45.7980, 100.6148



39.9191, 33.3238, 57.7548



10.3612, 10.4445, 13.3874



7.9763, 3.3462, 34.9698



0.4529, 0.1972, 1.6593

Inverse Universe

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



40.9059, 34.0584, 47.5990



68.7377, 54.0044, 79.6930



37.8028, 48.9193, 32.2622



10.9376, 10.7584, 12.6544



18.1008, 8.9899, 16.2723



0.8885, 0.4383, 0.9362

Previews

White Background



This preview shows how the XYZ color 33.6717, 30.1025, 57.4618 looks on a white background.

Color Contrast Check

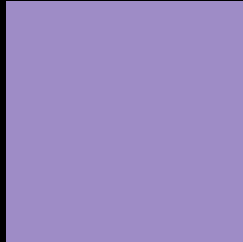
Large Text (above 18pt) WCAG AA × Fail

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 33.6717, 30.1025, 57.4618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

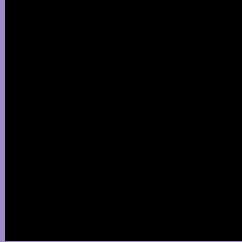
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.6717, 30.1025, 57.4618

Background



This preview shows how black text looks on a background with the XYZ color 33.6717, 30.1025, 57.4618.



This preview shows how white text looks on a background with the XYZ color 33.6717, 30.1025,

57.4618.

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

33.6717, 30.1025, 57.4618

Protanopia

30.8861, 30.1658, 60.6946

Deuteranopia

30.9930, 30.3019, 57.0387



Tritanopia

29.4542, 29.9499, 37.0294

Trichromacy



Original Color

33.6717, 30.1025, 57.4618

Protanomaly

31.6712, 29.9143, 59.3631

Deuteranomaly

31.7284, 29.9975, 56.9412

Tritanomaly

30.8425, 29.8337, 43.6681

Monochromacy



Original Color

33.6717, 30.1025, 57.4618

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.0778, 30.9144, 41.8652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6717, 30.1025, 57.4618 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(158, 140, 198)` looks like.

```
.text, #text, p{  
    color:rgb(158, 140, 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(158, 140, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 140, 198) }
```

Border

The CSS property to change the border of an element to XYZ 33.6717, 30.1025, 57.4618 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(158, 140, 198) }
```


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

```
.border{ border-color:rgb(158, 140, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 140, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 140, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 140, 198);  
box-shadow:4px 4px 4px 4px rgb(158, 140,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6717, 30.1025, 57.4618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 140, 198) }
```

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

```
.background{ background-color: rgb(158,  
140, 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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