

Converting Colors

XYZ(45.1693, 45.6058, 59.8432)

Have a look what the booklet for
XYZ(45.1693, 45.6058, 59.8432)
contains.

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Color

**XYZ(45.1695, 45.7418,
59.8744)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B2C6
RGB	181, 178, 198
RGB Percent	71%, 70%, 78%
CMY	0.2902, 0.3019, 0.2235
CMYK	0.09, 0.10, 0.00, 0.22
HSL	249°, 15%, 74%
HSV	249°, 10%, 78%
XYZ	45.1695, 45.7418, 59.8744
YIQ	181.1770, -4.6320, 6.8560

Conversions

Conversions Part 2

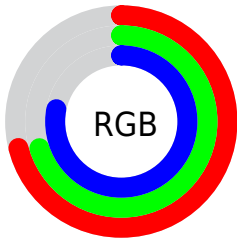
Format	Color
R_{YB}	181, 178, 198
Decimal	11907782
CIE _{Lab}	73.38, 4.94, -9.75
CIE _{LCh}	73, 10.933, 296.849
Yxy	45.7418, 0.2996, 0.3034
Android (android.graphics.Color)	4290097862 (0xFFB5B2C6)
YUV	181.1770, 8.2937, -0.1552
Hunter-Lab	67.6327, 0.8567, -5.1458

Details

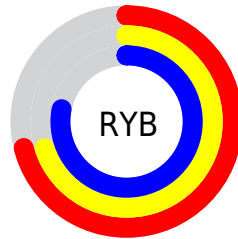
The XYZ color **45.1695, 45.7418, 59.8744** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7373, 55.2058, 50.1034**, and the grayscale version is **43.9762, 46.2664, 50.3841**.

A 20% lighter version of the original color is **82.3979, 84.0702, 106.4921**, and **21.2697, 21.2700, 29.3700** is the 20% darker color. If you saturate the color by 10%, you get **37.7997, 36.5113, 58.4819**, and if you desaturate by 10%, it is **53.5875, 56.3593, 61.4808**.

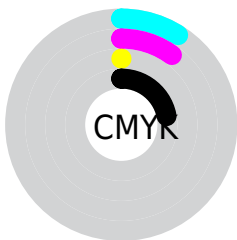
Distribution



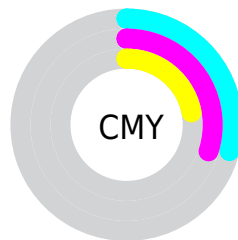
- Red (71%)
- Green (70%)
- Blue (78%)



- Red (71%)
- Yellow (70%)
- Blue (78%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.1695, 45.7418, 59.8744 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 45.1695, 45.7418, 59.8744 by changing the saturation by 10% instead.

■ 45.1695, 45.7418,
59.8744

■ 45.1695, 45.7418,
59.8744

358.2318,
369.7696, 441.9264

■ 31.7928, 32.0421,
42.8928

■ 82.2102, 83.8324,
106.1890

■ 21.3581, 21.3937,
29.4702

106.6049,
108.9922, 136.3591

■ 13.4999, 13.4121,
19.1882

135.4030,
138.7408, 171.7624

■ 7.8531, 7.7129,
11.6281

168.9699,
173.4625, 212.8175

■ 4.0521, 3.9118,
6.3716

207.6708,
213.5419, 259.9429

■ 1.7316, 1.6243,
2.9999

251.8712,

■ 0.4760, 0.3739,

259.3633, 313.5572

1.0946

301.9364,
311.3111, 374.0789

■ 0.0000, 0.0000,
0.0000

■ 45.1695, 45.7418,
59.8744

■ 45.1695, 45.7418,
59.8744

■ 37.7997, 36.5113,
58.4819

■ 53.5875, 56.3593,
61.4808

■ 31.4329, 28.6046,
57.2913

■ 63.0886, 68.4118,
63.3064

■ 26.0265, 21.9627,
56.2942

■ 73.7108, 81.9522,
65.3601

■ 21.5333, 16.5193,
55.4804

■ 84.7820, 95.6143,
67.4137

■ 17.9022, 12.2024,
54.8385

■ 87.1932, 96.8573,
67.5265

■ 15.0765, 8.9320,
54.3562

■ 12.9931, 6.6175,
54.0192

■ 11.5786, 5.1525,
53.8110

■ 10.7192, 4.3485,
53.7011

Harmonies

Analogous

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



43.2731, 45.7418, 61.1574



45.1695, 45.7418, 59.8744



46.6495, 45.7418, 55.8298

Triad

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



45.1695, 45.7418, 59.8744



45.5319, 45.7418, 41.4464



39.8840, 45.7418, 49.2247

Complementary

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



45.1695, 45.7418, 59.8744



50.7373, 55.2058, 50.1034

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.



40.4502, 45.7418, 44.2301



45.1695, 45.7418, 59.8744



43.6800, 45.7418, 39.9524

Square

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



45.1695, 45.7418, 59.8744



46.8630, 45.7418, 45.1690



41.8258, 45.7418, 40.9331



40.2567, 45.7418, 54.7479

Rectangle

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



45.1695, 45.7418, 59.8744



47.1812, 45.7418, 52.2560



41.8258, 45.7418, 40.9331



39.9705, 45.7418, 47.4320

Sweetspot

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



45.1709, 45.7437, 59.8754



90.3056, 94.0032, 107.9925



48.1445, 52.7232, 61.0659



19.0641, 19.7860, 23.0642



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.



45.1709, 45.7437, 59.8754



77.1221, 77.4024, 105.4831



47.5171, 46.9533, 59.9852



10.2022, 10.3625, 13.3799



7.0166, 2.8514, 34.9249



0.3809, 0.1601, 1.6560

Inverse Universe

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



49.0610, 47.7887, 58.2704



85.3235, 81.7147, 102.0582



48.3195, 53.9594, 49.9903



11.0121, 10.7882, 13.0472



19.7863, 9.6641, 25.1485



0.9560, 0.4652, 1.2912

Previews

White Background



This preview shows how the XYZ color 45.1695, 45.7418, 59.8744 looks on a white background.

Color Contrast Check

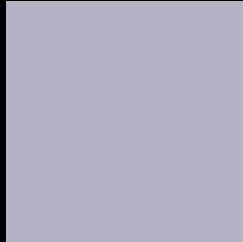
Large Text (above 18pt) WCAG AA × Fail

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 45.1695, 45.7418, 59.8744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

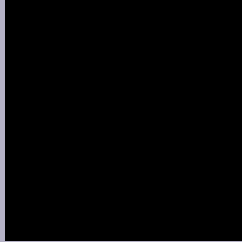
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1695, 45.7418, 59.8744

Background



This preview shows how black text looks on a background with the XYZ color 45.1695, 45.7418, 59.8744.



This preview shows how white text looks on a background with the XYZ color 45.1695, 45.7418,

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

45.1695, 45.7418, 59.8744

Protanopia

44.7890, 45.8287, 60.5180

Deuteranopia

46.6250, 45.6023, 60.3775



Tritanopia

44.5681, 45.7938, 56.9422

Trichromacy



Original Color

45.1695, 45.7418, 59.8744

Protanomaly

45.0193, 45.9474, 60.5288

Deuteranomaly

46.0838, 45.6133, 60.4082

Tritanomaly

44.7928, 45.8836, 58.1253

Monochromacy



Original Color

45.1695, 45.7418, 59.8744

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.3470, 46.0541, 53.5657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1695, 45.7418, 59.8744 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(181, 178, 198)` looks like.

```
.text, #text, p{  
    color:rgb(181, 178, 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(181, 178, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 178, 198) }
```

Border

The CSS property to change the border of an element to XYZ 45.1695, 45.7418, 59.8744 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(181, 178, 198) }
```


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

```
.border{ border-color:rgb(181, 178, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 178, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 178, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 178, 198);  
box-shadow:4px 4px 4px 4px rgb(181, 178,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1695, 45.7418, 59.8744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 178, 198) }
```

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

```
.background{ background-color: rgb(181,  
178, 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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