

Converting Colors

XYZ(25.0118, 24.3229, 54.4166)

Have a look what the booklet for
XYZ(25.0118, 24.3229, 54.4166)
contains.

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Color

**XYZ(25.0728, 24.4559,
54.4379)**

Conversions

Conversions Part 1

Format	Color
Hex	7186C2
RGB	113, 134, 194
RGB Percent	44%, 53%, 76%
CMY	0.5568, 0.4745, 0.2392
CMYK	0.42, 0.31, 0.00, 0.24
HSL	224°, 40%, 60%
HSV	224°, 42%, 76%
XYZ	25.0728, 24.4559, 54.4379
YIQ	134.5610, -31.7760, 14.2080

Conversions

Conversions Part 2

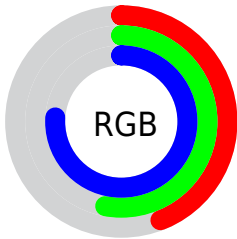
Format	Color
R _Y B	113, 130, 194
Decimal	7440066
CIE Lab	56.54, 7.99, -33.67
CIE LCh	57, 34.601, 283.354
Yxy	24.4559, 0.2412, 0.2352
Android (android.graphics.Color)	4285630146 (0xFF7186C2)
YUV	134.5610, 29.3034, -18.9090
Hunter-Lab	49.4529, 3.9575, -30.6496

Details

The XYZ color **25.0728, 24.4559, 54.4379** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.1734, 42.5501, 21.7197**, and the grayscale version is **22.7710, 23.9569, 26.0890**.

A 20% lighter version of the original color is **51.3314, 50.8305, 98.3726**, and **9.8456, 9.3511, 26.0970** is the 20% darker color. If you saturate the color by 10%, you get **20.9855, 19.5983, 53.7162**, and if you desaturate by 10%, it is **29.9652, 30.1302, 55.2757**.

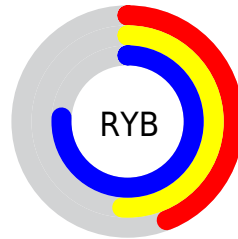
Distribution



Red (44%)

Green (53%)

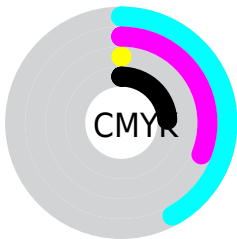
Blue (76%)



Red (44%)

Yellow (51%)

Blue (76%)

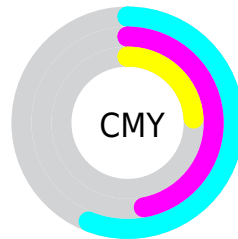


Cyan (42%)

Magenta (31%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (47%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0728, 24.4559, 54.4379 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 25.0728, 24.4559, 54.4379 by changing the saturation by 10% instead.

■ 25.0728, 24.4559,
54.4379

■ 25.0728, 24.4559,
54.4379

270.5413,
275.1173, 420.9994

■ 16.2603, 15.6722,
38.5563

■ 51.2173, 50.7731,
98.1798

■ 9.8006, 9.2925,
26.1096

■ 69.2801, 69.0754,
126.8771

■ 5.3282, 4.9324,
16.6791

■ 91.1570, 91.3194,
160.6835

■ 2.4778, 2.2077,
9.8464

117.2135,
117.8893, 200.0174

■ 0.8841, 0.7242,
5.1930

147.8147,
149.1697, 245.2974

■ 0.0000, 0.0000,
2.3002

183.3262,

■ 0.0000, 0.0000,

185.5449, 296.9421

0.7313

224.1133,
227.3993, 355.3699

■ 0.0000, 0.0000,
0.0000

■ 25.0728, 24.4559,
54.4379

■ 25.0728, 24.4559,
54.4379

■ 20.9855, 19.5983,
53.7162

■ 29.9652, 30.1302,
55.2757

■ 17.6556, 15.5153,
53.1036

■ 35.7017, 36.6550,
56.2328

■ 15.0342, 12.1651,
52.5951

■ 42.3216, 44.0654,
57.3143

■ 13.0649, 9.5002,
52.1845

■ 49.8610, 52.3938,
58.5244

■ 11.6821, 7.4666,
51.8649

■ 58.3540, 61.6706,
59.8674

■ 10.8909, 6.2014,
51.6624

■ 67.8328, 71.9252,
61.3471

■ 78.3283, 83.1853,
62.9674

■ 84.8435, 92.8867,
64.4966

■ 86.7377, 96.6751,
65.1280

Harmonies

Analogous

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



21.1034, 24.4559, 53.9102



25.0728, 24.4559, 54.4379



28.9547, 24.4559, 46.1472

Triad

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



25.0728, 24.4559, 54.4379



29.3192, 24.4559, 14.1556



16.6075, 24.4559, 20.7860

Complementary

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



25.0728, 24.4559, 54.4379



40.1734, 42.5501, 21.7197

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.



18.3393, 24.4559, 13.5745



25.0728, 24.4559, 54.4379



25.5260, 24.4559, 10.5708

Square

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



25.0728, 24.4559, 54.4379



31.5900, 24.4559, 21.8432



21.5075, 24.4559, 10.3943



16.5159, 24.4559, 32.0657

Rectangle

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



25.0728, 24.4559, 54.4379



30.8464, 24.4559, 37.8203



21.5075, 24.4559, 10.3943



17.0072, 24.4559, 17.8957

Sweetspot

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



25.0737, 24.4568, 54.4385



74.8277, 77.7786, 103.5387



33.5876, 45.0889, 46.1651



15.7760, 16.3516, 22.5746



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.



25.0737, 24.4568, 54.4385



38.6687, 36.2879, 97.4360



25.1439, 20.6041, 53.6911



9.7359, 10.1631, 12.7334



7.2177, 4.1919, 33.9853



0.3699, 0.2972, 1.4878

Inverse Universe

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



32.4571, 25.0019, 25.6701



54.0512, 38.2603, 37.3133



39.9748, 48.9020, 22.9562



10.1780, 10.1198, 11.0278



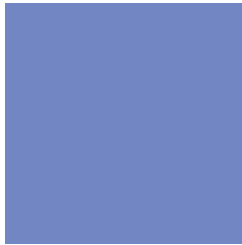
15.0391, 7.7054, 2.8522



0.6791, 0.3446, 0.2775

Previews

White Background



This preview shows how the XYZ color 25.0728, 24.4559, 54.4379 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 25.0728, 24.4559, 54.4379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

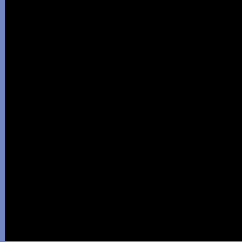
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0728, 24.4559, 54.4379

Background



This preview shows how black text looks on a background with the XYZ color 25.0728, 24.4559, 54.4379.



This preview shows how white text looks on a background with the XYZ color 25.0728, 24.4559,

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

25.0728, 24.4559, 54.4379

Protanopia

25.2156, 24.3383, 53.8208

Deuteranopia

25.0728, 24.4559, 54.4379



Tritanopia

20.9023, 24.4707, 33.7586

Trichromacy



Original Color

25.0728, 24.4559, 54.4379

Protanomaly

25.0834, 24.2702, 53.8146

Deuteranomaly

25.0728, 24.4559, 54.4379

Tritanomaly

22.2444, 24.3566, 40.5747

Monochromacy



Original Color

25.0728, 24.4559, 54.4379

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4171, 24.2403, 34.8971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0728, 24.4559, 54.4379 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(113, 134, 194)` looks like.

```
.text, #text, p{  
    color:rgb(113, 134, 194)  
}
```

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(113, 134, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 134, 194) }
```

Border

The CSS property to change the border of an element to XYZ 25.0728, 24.4559, 54.4379 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(113, 134, 194) }
```


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

```
.border{ border-color:rgb(113, 134, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 134, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 134, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 134, 194);  
box-shadow:4px 4px 4px 4px rgb(113, 134,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0728, 24.4559, 54.4379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 134, 194) }
```

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

```
.background{ background-color: rgb(113,  
134, 194) }
```

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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