

Converting Colors

XYZ(25.8582, 27.3663, 50.1560)

Have a look what the booklet for
XYZ(25.8582, 27.3663, 50.1560)
contains.

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Color

**XYZ(25.9278, 27.3734,
50.3714)**

Conversions

Conversions Part 1

Format	Color
Hex	7291BA
RGB	114, 145, 186
RGB Percent	45%, 57%, 73%
CMY	0.5529, 0.4314, 0.2706
CMYK	0.39, 0.22, 0.00, 0.27
HSL	214°, 34%, 59%
HSV	214°, 39%, 73%
XYZ	25.9278, 27.3734, 50.3714
YIQ	140.4050, -31.6370, 6.1790

Conversions

Conversions Part 2

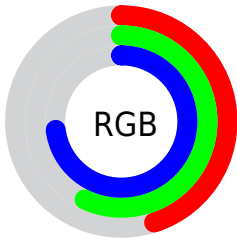
Format	Color
RYB	114, 136, 186
Decimal	7508410
CIELab	59.32, -0.37, -24.82
CIElCh	59, 24.825, 269.137
Yxy	27.3734, 0.2501, 0.2640
Android (android.graphics.Color)	4285698490 (0xFF7291BA)
YUV	140.4050, 22.4783, -23.1572
Hunter-Lab	52.3196, -3.1008, -20.4585

Details

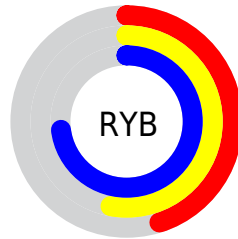
The XYZ color **25.9278, 27.3734, 50.3714** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.0090, 35.0975, 20.8500**, and the grayscale version is **25.0096, 26.3121, 28.6538**.

A 20% lighter version of the original color is **52.5989, 55.5825, 91.9606**, and **10.3125, 10.9020, 23.7511** is the 20% darker color. If you saturate the color by 10%, you get **22.2064, 23.1638, 49.7555**, and if you desaturate by 10%, it is **30.2939, 32.1405, 51.0619**.

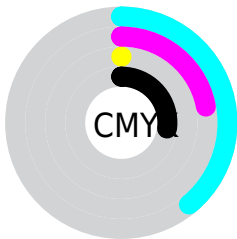
Distribution



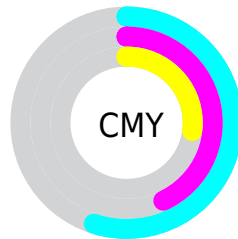
- Red (45%)
- Green (57%)
- Blue (73%)



- Red (45%)
- Yellow (53%)
- Blue (73%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (27%)



- Cyan (55%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9278, 27.3734, 50.3714 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 25.9278, 27.3734, 50.3714 by changing the saturation by 10% instead.

■ 25.9278, 27.3734,
50.3714

■ 25.9278, 27.3734,
50.3714

274.6907,
289.4605, 404.8932

■ 16.9020, 17.8539,
35.3353

■ 52.5906, 55.4825,
92.1269

■ 10.2595, 10.8451,
23.6357

■ 70.9583, 74.8408,
119.6834

■ 5.6350, 5.9628,
14.8539

■ 93.1707, 98.2475,
152.2505

■ 2.6629, 2.8225,
8.5714

119.5932,
126.0870, 190.2466

■ 0.9781, 1.0398,
4.3697

150.5911,
158.7436, 234.0904

■ 0.0000, 0.0000,
1.8303

186.5297,

■ 0.0000, 0.0000,

196.6018, 284.2004

0.4478

227.7744,
240.0460, 340.9952

■ 0.0000, 0.0000,
0.0000

■ 25.9278, 27.3734,
50.3714

■ 25.9278, 27.3734,
50.3714

■ 22.2064, 23.1638,
49.7555

■ 30.2939, 32.1405,
51.0619

■ 19.0928, 19.4849,
49.2095

■ 35.3334, 37.4841,
51.8277

■ 16.5503, 16.3120,
48.7311

■ 41.0764, 43.4259,
52.6719

■ 14.5369, 13.6167,
48.3169

■ 47.5505, 49.9855,
53.5968

■ 13.0033, 11.3666,
47.9635

■ 54.7814, 57.1815,
54.6047

■ 11.8693, 9.5131,
47.6655

■ 62.7938, 65.0317,
55.6976

■ 11.7379, 9.2949,
47.6303

■ 71.6113, 73.5531,
56.8777

■ 78.3264, 81.2519,
58.0098

■ 81.3596, 87.3184,
59.0209

Harmonies

Analogous

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



23.0744, 27.3734, 47.0172



25.9278, 27.3734, 50.3714



29.0332, 27.3734, 47.3670

Triad

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



25.9278, 27.3734, 50.3714



31.5868, 27.3734, 22.2329



21.2232, 27.3734, 21.8681

Complementary

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



25.9278, 27.3734, 50.3714



35.0090, 35.0975, 20.8500

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.



23.2184, 27.3734, 17.2290



25.9278, 27.3734, 50.3714



29.2010, 27.3734, 17.4083

Square

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



25.9278, 27.3734, 50.3714



32.4533, 27.3734, 30.0632



26.1076, 27.3734, 15.7724



20.4945, 27.3734, 29.5483

Rectangle

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



25.9278, 27.3734, 50.3714



30.7975, 27.3734, 42.4453



26.1076, 27.3734, 15.7724



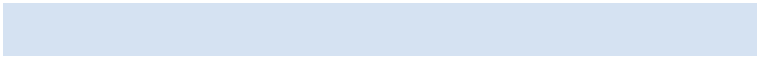
21.7598, 27.3734, 19.9621

Sweetspot

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



25.9287, 27.3744, 50.3720



70.6713, 74.8266, 94.9196



30.3987, 41.0557, 37.2456



15.2597, 16.1649, 20.8584



90.7827, 95.5105, 104.0109



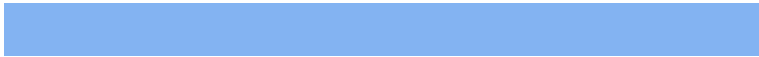
18.6292, 19.5994, 21.3438

Same Dimension

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



25.9287, 27.3744, 50.3720



41.4749, 43.3942, 90.3914



22.4615, 19.4887, 49.0327



8.8306, 9.3383, 11.4165



7.9683, 6.3962, 32.0677



0.3426, 0.3489, 1.1510

Inverse Universe

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



31.3787, 24.5190, 29.8679



52.9112, 38.3508, 47.1526



39.6998, 46.1812, 22.7421



9.1608, 9.0747, 10.1943



14.6357, 7.4280, 5.9684



0.5471, 0.2743, 0.3744

Previews

White Background



This preview shows how the XYZ color 25.9278, 27.3734, 50.3714 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 25.9278, 27.3734, 50.3714 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

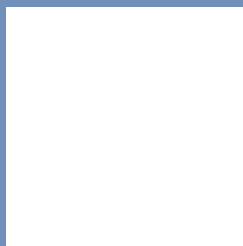
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9278, 27.3734, 50.3714

Background



This preview shows how black text looks on a background with the XYZ color 25.9278, 27.3734, 50.3714.



This preview shows how white text looks on a background with the XYZ color 25.9278, 27.3734,

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

25.9278, 27.3734, 50.3714

Protanopia

27.5878, 27.3742, 48.6295

Deuteranopia

27.8634, 27.2496, 50.8048



Tritanopia

23.3648, 27.2562, 37.7477

Trichromacy



Original Color

25.9278, 27.3734, 50.3714

Protanomaly

26.7822, 27.1667, 49.1795

Deuteranomaly

27.1001, 27.2938, 50.8536

Tritanomaly

24.2760, 27.3971, 42.0389

Monochromacy



Original Color

25.9278, 27.3734, 50.3714

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.1189, 26.6056, 35.7098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9278, 27.3734, 50.3714 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(114, 145, 186)` looks like.

```
.text, #text, p{  
    color:rgb(114, 145, 186)  
}
```

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(114, 145, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 145, 186) }
```

Border

The CSS property to change the border of an element to XYZ 25.9278, 27.3734, 50.3714 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(114, 145, 186) }
```


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

```
.border{ border-color:rgb(114, 145, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 145, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 145, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 145, 186); box-shadow:4px 4px 4px 4px rgb(114, 145, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9278, 27.3734, 50.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 145, 186) }
```

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

```
.background{ background-color: rgb(114,  
145, 186) }
```

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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