

Converting Colors

XYZ(24.3769, 25.9439, 49.0714)

Have a look what the booklet for
XYZ(24.3769, 25.9439, 49.0714)
contains.

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Color

**XYZ(24.3881, 25.9325,
49.0675)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8EB8
RGB	107, 142, 184
RGB Percent	42%, 56%, 72%
CMY	0.5804, 0.4431, 0.2784
CMYK	0.42, 0.23, 0.00, 0.28
HSL	213°, 35%, 57%
HSV	213°, 42%, 72%
XYZ	24.3881, 25.9325, 49.0675
YIQ	136.3230, -34.3420, 5.6420

Conversions

Conversions Part 2

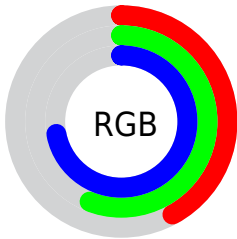
Format	Color
R_{YB}	107, 131, 184
Decimal	7048888
CIE _{Lab}	57.97, -1.12, -25.80
CIE _{LCh}	58, 25.820, 267.503
Yxy	25.9325, 0.2454, 0.2609
Android (android.graphics.Color)	4285238968 (0xFF6B8EB8)
YUV	136.3230, 23.5048, -25.7163
Hunter-Lab	50.9240, -3.6311, -21.4818

Details

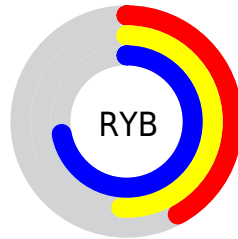
The XYZ color **24.3881, 25.9325, 49.0675** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **33.1690, 32.7473, 18.4834**, and the grayscale version is **23.4473, 24.6684, 26.8639**.

A 20% lighter version of the original color is **50.1660, 53.3482, 90.0913**, and **9.4452, 10.0773, 22.9200** is the 20% darker color. If you saturate the color by 10%, you get **20.9803, 22.0584, 48.4998**, and if you desaturate by 10%, it is **28.4028, 30.3202, 49.7033**.

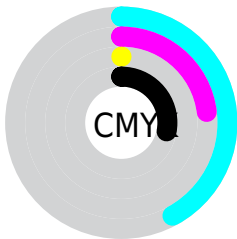
Distribution



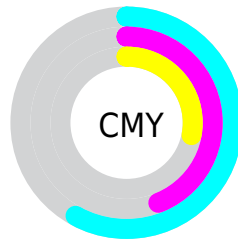
- Red (42%)
- Green (56%)
- Blue (72%)



- Red (42%)
- Yellow (51%)
- Blue (72%)



- Cyan (42%)
- Magenta (23%)
- Yellow (0%)
- Black (28%)



- Cyan (58%)
- Magenta (44%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3881, 25.9325, 49.0675 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 24.3881, 25.9325, 49.0675 by changing the saturation by 10% instead.

■ 24.3881, 25.9325,
49.0675

■ 24.3881, 25.9325,
49.0675

267.1810,
282.4506, 399.6381

■ 15.7481, 16.7732,
34.3070

■ 50.1129, 53.1660,
90.1737

■ 9.4358, 10.0729,
22.8503

■ 67.9283, 72.0090,
117.3566

■ 5.0859, 5.4473,
14.2788

■ 89.5329, 94.8486,
149.5173

■ 2.3330, 2.5120,
8.1738

■ 115.2920,
122.0693, 187.0745

■ 0.8115, 0.8827,
4.1170

145.5710,
154.0555, 230.4466

■ 0.0000, 0.0000,
1.6898

180.7353,

■ 0.0000, 0.0000,

191.1915, 280.0522

0.3537

221.1502,
233.8617, 336.3099

■ 0.0000, 0.0000,
0.0000

■ 24.3881, 25.9325,
49.0675

■ 24.3881, 25.9325,
49.0675

■ 20.9803, 22.0584,
48.4998

■ 28.4028, 30.3202,
49.7033

■ 18.1432, 18.6723,
47.9957

■ 33.0526, 35.2394,
50.4077

■ 15.8403, 15.7505,
47.5532

■ 38.3672, 40.7109,
51.1837

■ 14.0294, 13.2655,
47.1690

■ 44.3732, 46.7530,
52.0334

■ 12.6605, 11.1857,
46.8397

■ 51.0960, 53.3834,
52.9589

■ 11.7941, 9.7453,
46.6073

■ 58.5594, 60.6188,
53.9621

■ 66.7864, 68.4753,
55.0449

■ 75.7986, 76.9682,
56.2092

■ 78.8411, 82.6194,
57.1396

Harmonies

Analogous

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



21.5690, 25.9325, 45.3100



24.3881, 25.9325, 49.0675



27.5179, 25.9325, 46.3418

Triad

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



24.3881, 25.9325, 49.0675



30.3499, 25.9325, 21.0341



19.9348, 25.9325, 19.9885

Complementary

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



24.3881, 25.9325, 49.0675



33.1690, 32.7473, 18.4834

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.



21.9850, 25.9325, 15.5931



24.3881, 25.9325, 49.0675



28.0071, 25.9325, 16.1014

Square

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



24.3881, 25.9325, 49.0675



31.1273, 25.9325, 28.9898



24.9099, 25.9325, 14.3350



19.1368, 25.9325, 27.4955

Rectangle

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



24.3881, 25.9325, 49.0675



29.3319, 25.9325, 41.4777



24.9099, 25.9325, 14.3350



20.4915, 25.9325, 18.1633

Sweetspot

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



24.3890, 25.9335, 49.0681



68.1564, 72.3786, 92.5828



28.5552, 39.5476, 34.1739



14.2219, 15.1211, 19.8907



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.3890, 25.9335, 49.0681



38.6081, 40.6549, 88.0169



20.2868, 17.2642, 47.6110



8.8483, 9.3739, 11.4224



8.1973, 6.8542, 32.1440



0.3510, 0.3656, 1.1538

Inverse Universe

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



29.9081, 22.6595, 28.3896



50.2039, 34.9385, 44.3101



38.9527, 45.2193, 20.5859



9.1698, 9.0783, 10.2415



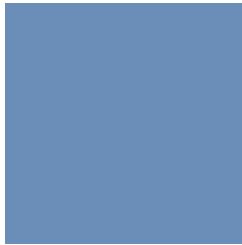
14.7513, 7.4743, 6.5770



0.5513, 0.2760, 0.3966

Previews

White Background



This preview shows how the XYZ color 24.3881, 25.9325, 49.0675 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 24.3881, 25.9325, 49.0675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

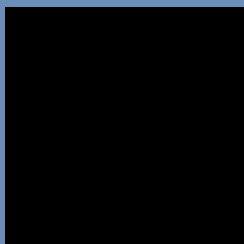
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

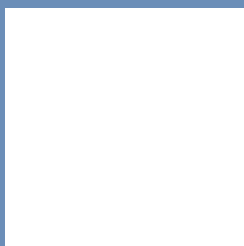
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3881, 25.9325, 49.0675

Background



This preview shows how black text looks on a background with the XYZ color 24.3881, 25.9325, 49.0675.

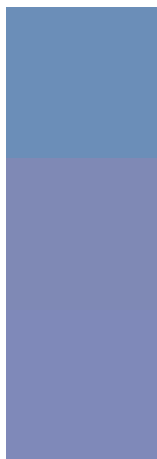


This preview shows how white text looks on a background with the XYZ color 24.3881, 25.9325,

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

24.3881, 25.9325, 49.0675

Protanopia

26.0385, 25.7395, 47.3119

Deuteranopia

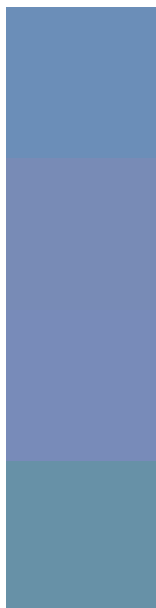
26.4550, 25.9061, 49.5050



Tritanopia

21.8608, 26.0454, 36.2228

Trichromacy



Original Color

24.3881, 25.9325, 49.0675

Protanomaly

25.4218, 25.8357, 47.9029

Deuteranomaly

25.7353, 25.9611, 49.5535

Tritanomaly

22.6940, 25.9244, 40.3670

Monochromacy



Original Color

24.3881, 25.9325, 49.0675

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.2957, 24.8368, 33.7032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3881, 25.9325, 49.0675 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(107, 142, 184)` looks like.

```
.text, #text, p{  
    color:rgb(107, 142, 184)  
}
```

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(107, 142, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 142, 184) }
```

Border

The CSS property to change the border of an element to XYZ 24.3881, 25.9325, 49.0675 is called "border". The border property can be set on classes, ids or directly on the HTML element.

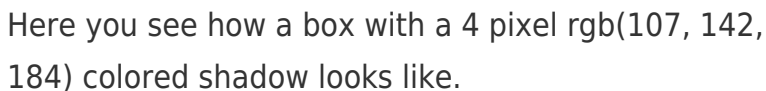
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 142, 184) }
```


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

```
.border{ border-color:rgb(107, 142, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 142, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 142, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 142, 184); box-shadow:4px 4px 4px 4px rgb(107, 142, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3881, 25.9325, 49.0675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 142, 184) }
```

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

```
.background{ background-color: rgb(107,  
142, 184) }
```

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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