

Converting Colors

XYZ(25.4247, 28.1674, 44.6543)

Have a look what the booklet for
XYZ(25.4247, 28.1674, 44.6543)
contains.

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Color

**XYZ(25.4247, 28.1674,
44.6543)**

Conversions

Conversions Part 1

Format	Color
Hex	7295AF
RGB	114, 149, 175
RGB Percent	45%, 58%, 69%
CMY	0.5529, 0.4157, 0.3137
CMYK	0.35, 0.15, 0.00, 0.31
HSL	206°, 28%, 57%
HSV	206°, 35%, 69%
XYZ	25.4247, 28.1674, 44.6543
YIQ	141.4990, -29.2060, 0.6660

Conversions

Conversions Part 2

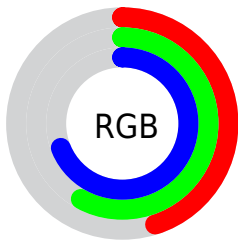
Format	Color
RYB	114, 136, 175
Decimal	7509423
CIELab	60.04, -5.59, -17.49
CIELCh	60, 18.363, 252.263
Yxy	28.1674, 0.2588, 0.2867
Android (android.graphics.Color)	4285699503 (0xFF7295AF)
YUV	141.4990, 16.5160, -24.1166
Hunter-Lab	53.0730, -7.3670, -12.7341

Details

The XYZ color **25.4247, 28.1674, 44.6543** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.0950, 29.0854, 19.9482**, and the grayscale version is **25.4594, 26.7853, 29.1691**.

A 20% lighter version of the original color is **51.9282, 56.8062, 83.8291**, and **9.9304, 11.1973, 20.0503** is the 20% darker color. If you saturate the color by 10%, you get **22.2201, 24.8199, 44.1776**, and if you desaturate by 10%, it is **29.1421, 31.8928, 45.1779**.

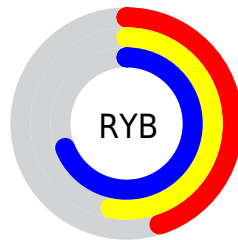
Distribution



Red (45%)

Green (58%)

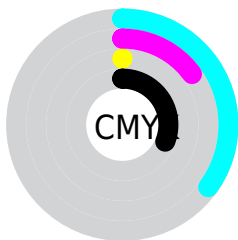
Blue (69%)



Red (45%)

Yellow (53%)

Blue (69%)

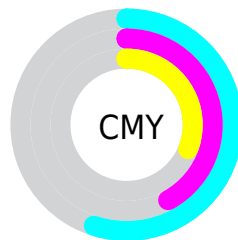


Cyan (35%)

Magenta (15%)

Yellow (0%)

Black (31%)



Cyan (55%)

Magenta (42%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4247, 28.1674, 44.6543 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 25.4247, 28.1674, 44.6543 by changing the saturation by 10% instead.

■ 25.4247, 28.1674,
44.6543

■ 25.4247, 28.1674,
44.6543

272.2552,
293.2660, 381.4909

■ 16.5242, 18.4519,
30.8443

■ 51.7833, 56.7516,
83.5144

■ 9.9890, 11.2749,
20.2228

■ 69.9721, 76.3891,
109.4014

■ 5.4539, 6.2521,
12.3714

■ 91.9877, 100.1026,
140.1513

■ 2.5534, 2.9989,
6.8716

118.1955,
128.2767, 176.1824

■ 0.9223, 1.1312,
3.3047

148.9608,
161.2957, 217.9134

■ 0.0000, 0.0044,
1.2522

184.6489,

■ 0.0000, 0.0000,

199.5440, 265.7628

0.0222

225.6253,
243.4059, 320.1491

■ 0.0000, 0.0000,
0.0000

■ 25.4247, 28.1674,
44.6543

■ 25.4247, 28.1674,
44.6543

■ 22.2201, 24.8199,
44.1776

■ 29.1421, 31.8928,
45.1779

■ 19.4995, 21.8313,
43.7441

■ 33.3941, 36.0074,
45.7480

■ 17.2347, 19.1857,
43.3528

■ 38.2041, 40.5258,
46.3667

■ 15.3936, 16.8643,
43.0018

■ 43.5934, 45.4611,
47.0352

■ 13.9390, 14.8457,
42.6888

■ 49.5822, 50.8254,
47.7550

■ 12.8262, 13.1043,
42.4113

■ 56.1897, 56.6304,
48.5272

■ 12.3349, 12.2890,
42.2799

■ 63.4339, 62.8874,
49.3531

■ 71.3325, 69.6071,
50.2339

■ 73.5675, 73.5343,
50.8741

Harmonies

Analogous

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



23.5783, 28.1674, 40.1786



25.4247, 28.1674, 44.6543



27.7395, 28.1674, 45.0647

Triad

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



25.4247, 28.1674, 44.6543



31.4145, 28.1674, 28.0129



23.8586, 28.1674, 22.0867

Complementary

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



25.4247, 28.1674, 44.6543



30.0950, 29.0854, 19.9482

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.



25.8278, 28.1674, 19.7215



25.4247, 28.1674, 44.6543



30.2424, 28.1674, 22.7933

Square

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



25.4247, 28.1674, 44.6543



31.2909, 28.1674, 34.7654



28.1666, 28.1674, 19.9597



22.7110, 28.1674, 26.9087

Rectangle

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



25.4247, 28.1674, 44.6543



29.2469, 28.1674, 42.9085



28.1666, 28.1674, 19.9597



24.4414, 28.1674, 21.0119

Sweetspot

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



25.4256, 28.1685, 44.6550



63.7144, 68.1854, 82.4399



26.9608, 36.1143, 30.1365



13.9007, 14.9095, 18.2895



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.4256, 28.1685, 44.6550



40.9436, 45.6736, 79.2948



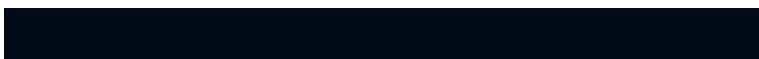
21.2847, 19.8868, 43.2747



7.9460, 8.4914, 10.1729



8.8952, 8.9244, 30.2983



0.3002, 0.3538, 0.8605

Inverse Universe

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



29.1220, 23.3193, 31.4011



48.7615, 36.2843, 51.0687



35.0761, 39.0477, 21.6086



8.1906, 8.0895, 9.3143



14.3536, 7.2040, 9.5072



0.4259, 0.2111, 0.4048

Previews

White Background



This preview shows how the XYZ color 25.4247, 28.1674, 44.6543 looks on a white background.

Color Contrast Check

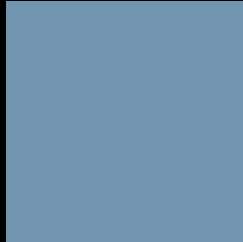
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4247, 28.1674, 44.6543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

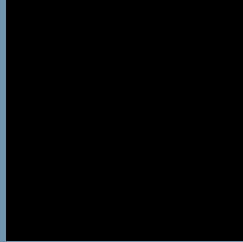
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

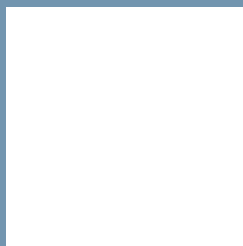
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4247, 28.1674, 44.6543

Background



This preview shows how black text looks on a background with the XYZ color 25.4247, 28.1674, 44.6543.



This preview shows how white text looks on a background with the XYZ color 25.4247, 28.1674,

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

25.4247, 28.1674, 44.6543

Protanopia

27.8206, 28.0742, 42.4806

Deuteranopia

28.6160, 27.9749, 45.4864



Tritanopia

24.2330, 28.1571, 38.8080

Trichromacy



Original Color

25.4247, 28.1674, 44.6543

Protanomaly

26.7777, 27.9752, 43.0181

Deuteranomaly

27.3255, 27.9866, 45.0361

Tritanomaly

24.5635, 28.0475, 40.6783

Monochromacy



Original Color

25.4247, 28.1674, 44.6543

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4739, 27.4894, 34.5352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4247, 28.1674, 44.6543 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, 149, 175)` looks like.

```
.text, #text, p{  
    color:rgb(114, 149, 175)  
}
```

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, 149, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 149, 175) }
```

Border

The CSS property to change the border of an element to XYZ 25.4247, 28.1674, 44.6543 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, 149, 175) }
```


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

```
.border{ border-color:rgb(114, 149, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 149, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 149, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 149, 175);  
box-shadow:4px 4px 4px 4px rgb(114, 149,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4247, 28.1674, 44.6543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 149, 175) }
```

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

```
.background{ background-color: rgb(114,  
149, 175) }
```

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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