

Converting Colors

XYZ(24.3066, 25.3423, 44.1679)

Have a look what the booklet for
XYZ(24.3066, 25.3423, 44.1679)
contains.

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Color

**XYZ(24.3066, 25.3423,
44.1679)**

Conversions

Conversions Part 1

Format	Color
Hex	758BAF
RGB	117, 139, 175
RGB Percent	46%, 55%, 69%
CMY	0.5412, 0.4549, 0.3137
CMYK	0.33, 0.21, 0.00, 0.31
HSL	217°, 27%, 57%
HSV	217°, 33%, 69%
XYZ	24.3066, 25.3423, 44.1679
YIQ	136.5260, -24.6680, 6.5320

Conversions

Conversions Part 2

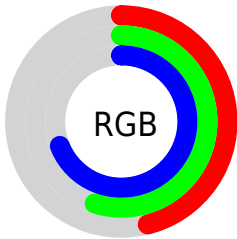
Format	Color
RYB	117, 133, 175
Decimal	7703471
CIELab	57.41, 0.96, -21.49
CIElCh	57, 21.508, 272.554
Yxy	25.3423, 0.2591, 0.2701
Android (android.graphics.Color)	4285893551 (0xFF758BAF)
YUV	136.5260, 18.9677, -17.1243
Hunter-Lab	50.3411, -1.9105, -16.7806

Details

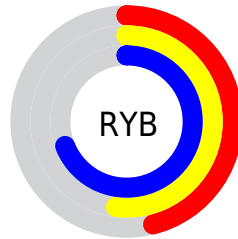
The XYZ color **24.3066, 25.3423, 44.1679** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **32.2818, 33.1812, 21.5336**, and the grayscale version is **23.5374, 24.7631, 26.9671**.

A 20% lighter version of the original color is **49.8510, 52.0148, 83.0137**, and **9.3320, 9.7081, 19.7944** is the 20% darker color. If you saturate the color by 10%, you get **20.6762, 21.2513, 43.5701**, and if you desaturate by 10%, it is **28.5345, 29.9744, 44.8396**.

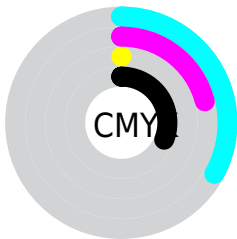
Distribution



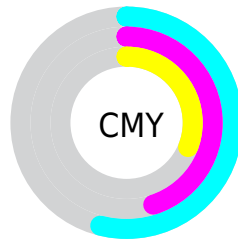
- Red (46%)
- Green (55%)
- Blue (69%)



- Red (46%)
- Yellow (52%)
- Blue (69%)



- Cyan (33%)
- Magenta (21%)
- Yellow (0%)
- Black (31%)



- Cyan (54%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3066, 25.3423, 44.1679 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 24.3066, 25.3423, 44.1679 by changing the saturation by 10% instead.

■ 24.3066, 25.3423,
44.1679

■ 24.3066, 25.3423,
44.1679

266.7787,
279.5384, 379.4544

■ 15.6872, 16.3323,
30.4644

■ 49.9811, 52.2120,
82.7755

■ 9.3925, 9.7596,
19.9363

■ 67.7669, 70.8404,
108.5166

■ 5.0572, 5.2398,
12.1651

■ 89.3389, 93.4438,
139.1074

■ 2.3160, 2.3887,
6.7323

115.0624,
120.4065, 174.9663

■ 0.8028, 0.8200,
3.2194

145.3027,
152.1129, 216.5119

■ 0.0000, 0.0000,
1.2077

180.4253,

■ 0.0000, 0.0000,

188.9474, 264.1628

0.0000

220.7956,
231.2944, 318.3374

■ 24.3066, 25.3423,
44.1679

■ 24.3066, 25.3423,
44.1679

■ 20.6762, 21.2513,
43.5701

■ 28.5345, 29.9744,
44.8396

■ 17.6117, 17.6768,
43.0416

■ 33.3845, 35.1651,
45.5859

■ 15.0822, 14.5963,
42.5803

■ 38.8825, 40.9345,
46.4097

■ 13.0527, 11.9844,
42.1831

■ 45.0525, 47.3009,
47.3134

■ 11.4834, 9.8126,
41.8467

■ 51.9169, 54.2818,
48.2990

■ 10.3271, 8.0484,
41.5671

■ 59.4973, 61.8937,
49.3687

■ 9.7086, 7.0364,
41.4043

■ 67.8142, 70.1527,
50.5245

■ 76.1465, 78.6923,
51.7337

■ 79.1926, 84.7844,
52.7490

Harmonies

Analogous

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



21.8933, 25.3423, 42.0549



24.3066, 25.3423, 44.1679



26.8280, 25.3423, 41.2304

Triad

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



24.3066, 25.3423, 44.1679



28.4691, 25.3423, 20.6950



19.9857, 25.3423, 21.6041

Complementary

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



24.3066, 25.3423, 44.1679



32.2818, 33.1812, 21.5336

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.



21.5395, 25.3423, 17.3534



24.3066, 25.3423, 44.1679



26.4228, 25.3423, 16.8974

Square

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



24.3066, 25.3423, 44.1679



29.3350, 25.3423, 26.9714



23.8689, 25.3423, 15.7907



19.5057, 25.3423, 28.2250

Rectangle

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



24.3066, 25.3423, 44.1679



28.2011, 25.3423, 37.0610



23.8689, 25.3423, 15.7907



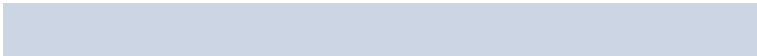
20.3940, 25.3423, 19.8935

Sweetspot

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



24.3074, 25.3433, 44.1685



62.5900, 65.9367, 82.0651



28.3972, 36.7346, 35.6305



13.6197, 14.3476, 18.1959



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.



24.3074, 25.3433, 44.1685



38.5276, 39.7686, 78.2824



22.3784, 20.0862, 43.2554



7.8186, 8.2365, 10.1304



7.0079, 5.1497, 29.6691



0.2486, 0.2506, 0.8433

Inverse Universe

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



28.7014, 23.7014, 27.4892



47.8040, 36.9042, 42.9347



34.7396, 40.2953, 22.7772



8.1262, 8.0637, 8.9756



13.4009, 6.8229, 4.4906



0.3999, 0.2006, 0.2676

Previews

White Background



This preview shows how the XYZ color 24.3066, 25.3423, 44.1679 looks on a white background.

Color Contrast Check

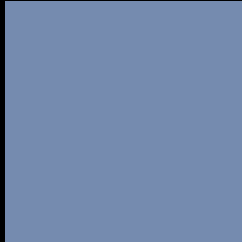
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3066, 25.3423, 44.1679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

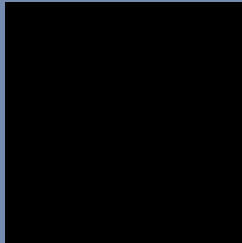
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

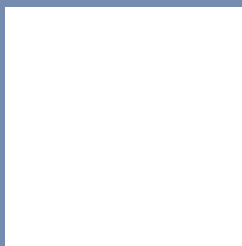
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3066, 25.3423, 44.1679

Background



This preview shows how black text looks on a background with the XYZ color 24.3066, 25.3423, 44.1679.



This preview shows how white text looks on a background with the XYZ color 24.3066, 25.3423,

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

24.3066, 25.3423, 44.1679

Protanopia

25.4002, 25.2926, 43.0784

Deuteranopia

25.8605, 25.2878, 44.5923



Tritanopia

22.3373, 25.4228, 34.3016

Trichromacy



Original Color

24.3066, 25.3423, 44.1679

Protanomaly

25.0431, 25.3073, 43.6093

Deuteranomaly

25.2448, 25.1785, 44.6037

Tritanomaly

23.1340, 25.5320, 37.8913

Monochromacy



Original Color

24.3066, 25.3423, 44.1679

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8803, 25.1571, 32.8753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3066, 25.3423, 44.1679 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(117, 139, 175)` looks like.

```
.text, #text, p{  
    color:rgb(117, 139, 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(117, 139, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 139, 175) }
```

Border

The CSS property to change the border of an element to XYZ 24.3066, 25.3423, 44.1679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

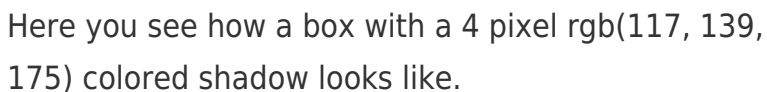
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 139, 175) }
```


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

```
.border{ border-color:rgb(117, 139, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 139, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 139, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 139, 175);  
box-shadow:4px 4px 4px 4px rgb(117, 139,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3066, 25.3423, 44.1679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 139, 175) }
```

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

```
.background{ background-color: rgb(117,  
139, 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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