

Converting Colors

XYZ(24.3033, 26.2189, 51.9158)

Have a look what the booklet for
XYZ(24.3033, 26.2189, 51.9158)
contains.

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Color

**XYZ(24.3042, 26.2733,
51.9344)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 6390BD |
| RGB | 99, 144, 189 |
| RGB Percent | 39%, 56%, 74% |
| CMY | 0.6117, 0.4353, 0.2588 |
| CMYK | 0.48, 0.24, 0.00, 0.26 |
| HSL | 210°, 41%, 56% |
| HSV | 210°, 48%, 74% |
| XYZ | 24.3042, 26.2733, 51.9344 |
| YIQ | 135.6750, -41.2650, 4.4550 |

Conversions

Conversions Part 2

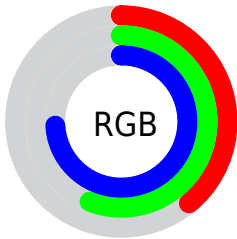
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 99, 129, 189 |
| Decimal | 6525117 |
| CIE _{Lab} | 58.30, -2.88, -28.17 |
| CIE _{LCh} | 58, 28.316, 264.162 |
| Y _{xy} | 26.2733, 0.2371, 0.2563 |
| Android (android.graphics.Color) | 4284715197 (0xFF6390BD) |
| Y _{UV} | 135.6750, 26.2892, -32.1640 |
| Hunter-Lab | 51.2575, -5.0632, -24.1928 |

Details

The XYZ color **24.3042, 26.2733, 51.9344** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **33.2126, 31.6673, 16.1674**, and the grayscale version is **23.1971, 24.4052, 26.5772**.

A 20% lighter version of the original color is **50.0019, 53.8508, 94.1451**, and **9.3721, 10.2683, 24.4097** is the 20% darker color. If you saturate the color by 10%, you get **21.1041, 22.5874, 51.3921**, and if you desaturate by 10%, it is **28.1091, 30.4499, 52.5405**.

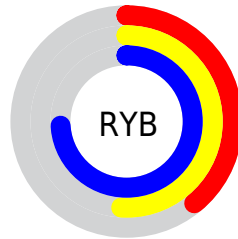
Distribution



Red (39%)

Green (56%)

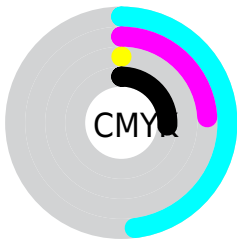
Blue (74%)



Red (39%)

Yellow (51%)

Blue (74%)

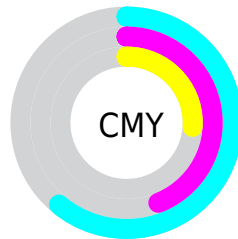


Cyan (48%)

Magenta (24%)

Yellow (0%)

Black (26%)



Cyan (61%)

Magenta (44%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3042, 26.2733, 51.9344 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 24.3042, 26.2733, 51.9344 by changing the saturation by 10% instead.

■ 24.3042, 26.2733,
51.9344

■ 24.3042, 26.2733,
51.9344

266.7668,
284.1211, 411.1330

■ 15.6854, 17.0282,
36.5709

■ 49.9772, 53.7155,
94.4601

■ 9.3912, 10.2546,
24.5823

■ 67.7622, 72.6814,
122.4594

■ 5.0564, 5.5681,
15.5499

■ 89.3332, 95.6564,
155.5076

■ 2.3155, 2.5843,
9.0553

■ 115.0556,
123.0249, 194.0235

■ 0.8026, 0.9188,
4.6800

145.2948,
155.1712, 238.4254

■ 0.0000, 0.0000,
2.0053

180.4162,

■ 0.0000, 0.0000,

192.4797, 289.1319

0.5585

220.7851,
235.3349, 346.5616

■ 0.0000, 0.0000,
0.0000

■ 24.3042, 26.2733,
51.9344

■ 24.3042, 26.2733,
51.9344

■ 21.1041, 22.5874,
51.3921

■ 28.1091, 30.4499,
52.5405

■ 18.4690, 19.3658,
50.9092

■ 32.5498, 35.1358,
53.2109

■ 16.3581, 16.5835,
50.4834

■ 37.6584, 40.3521,
53.9485

■ 14.7229, 14.2108,
50.1116

■ 43.4636, 46.1176,
54.7554

■ 13.4936, 12.2068,
49.7896

■ 49.9927, 52.4501,
55.6336

■ 13.2327, 11.7687,
49.7188

■ 57.2712, 59.3665,
56.5850

■ 65.3234, 66.8828,
57.6114

■ 74.1725, 75.0145,
58.7145

■ 78.4595, 81.0024,
59.6444

Harmonies

Analogous

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



21.2908, 26.2733, 46.9072



24.3042, 26.2733, 51.9344



27.7827, 26.2733, 49.6421

Triad

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



24.3042, 26.2733, 51.9344



31.5166, 26.2733, 21.5234



19.9777, 26.2733, 18.8751

Complementary

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



24.3042, 26.2733, 51.9344



33.2126, 31.6673, 16.1674

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.



22.3576, 26.2733, 14.5543



24.3042, 26.2733, 51.9344



29.0547, 26.2733, 15.8192

Square

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



24.3042, 26.2733, 51.9344



32.1585, 26.2733, 30.5807



25.6519, 26.2733, 13.5804



18.9448, 26.2733, 26.7204

Rectangle

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



24.3042, 26.2733, 51.9344



29.8771, 26.2733, 44.4889



25.6519, 26.2733, 13.5804



20.6355, 26.2733, 17.0418

Sweetspot

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



24.3051, 26.2743, 51.9350



70.8308, 75.6617, 97.0972



28.3781, 41.0622, 32.8167



14.7648, 15.8035, 20.8148



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.



24.3051, 26.2743, 51.9350



37.6437, 40.2718, 92.0154



18.7938, 15.2516, 50.0979



9.4000, 9.9922, 12.1055



8.9797, 8.0711, 33.4775



0.4172, 0.4470, 1.3332

Inverse Universe

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



30.4830, 21.7572, 28.9794



50.4059, 32.6299, 44.2151



41.4366, 48.1154, 18.9088



9.7237, 9.6138, 10.9342



15.5333, 7.8445, 8.1020



0.6415, 0.3205, 0.4913

Previews

White Background



This preview shows how the XYZ color 24.3042, 26.2733, 51.9344 looks on a white background.

Color Contrast Check

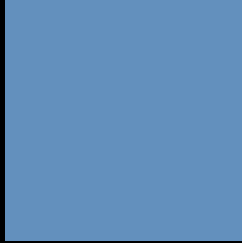
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3042, 26.2733, 51.9344 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

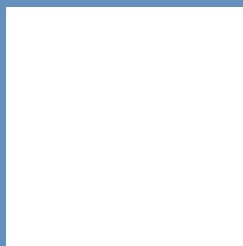
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3042, 26.2733, 51.9344

Background



This preview shows how black text looks on a background with the XYZ color 24.3042, 26.2733, 51.9344.

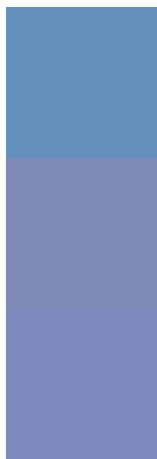


This preview shows how white text looks on a background with the XYZ color 24.3042, 26.2733,

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

24.3042, 26.2733, 51.9344

Protanopia

26.4926, 26.1497, 48.9985

Deuteranopia

26.6949, 26.1797, 52.3614



Tritanopia

21.3969, 26.2418, 37.6556

Trichromacy



Original Color

24.3042, 26.2733, 51.9344

Protanomaly

25.5771, 26.0832, 50.1409

Deuteranomaly

25.7426, 26.1187, 52.3998

Tritanomaly

22.2986, 26.1349, 42.3973

Monochromacy



Original Color

24.3042, 26.2733, 51.9344

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.3174, 25.0427, 34.6151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3042, 26.2733, 51.9344 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(99, 144, 189)` looks like.

```
.text, #text, p{  
    color:rgb(99, 144, 189)  
}
```

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(99, 144, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 144, 189) }
```

Border

The CSS property to change the border of an element to XYZ 24.3042, 26.2733, 51.9344 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(99, 144, 189) }
```


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

```
.border{ border-color:rgb(99, 144, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 144, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(99, 144, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(99, 144, 189); box-shadow:4px 4px 4px 4px rgb(99, 144, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3042, 26.2733, 51.9344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 144, 189) }
```

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

```
.background{ background-color: rgb(99, 144,  
189) }
```

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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