

Converting Colors

XYZ(24.1018, 26.7887, 54.9394)

Have a look what the booklet for
XYZ(24.1018, 26.7887, 54.9394)
contains.

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Color

**XYZ(24.1018, 26.7887,
54.9394)**

Conversions

Conversions Part 1

Format	Color
Hex	5793C2
RGB	87, 147, 194
RGB Percent	34%, 58%, 76%
CMY	0.6588, 0.4235, 0.2392
CMYK	0.55, 0.24, 0.00, 0.24
HSL	206°, 47%, 55%
HSV	206°, 55%, 76%
XYZ	24.1018, 26.7887, 54.9394
YIQ	134.4180, -50.8470, 1.8970

Conversions

Conversions Part 2

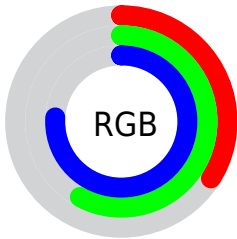
Format	Color
R _Y B	87, 125, 194
Decimal	5739458
CIE Lab	58.78, -5.84, -30.29
CIE LCh	59, 30.853, 259.081
Yxy	26.7887, 0.2277, 0.2531
Android (android.graphics.Color)	4283929538 (0xFF5793C2)
YUV	134.4180, 29.3739, -41.5856
Hunter-Lab	51.7578, -7.4549, -26.7041

Details

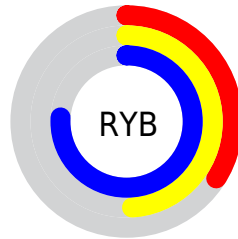
The XYZ color **24.1018, 26.7887, 54.9394** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **32.4945, 29.2089, 12.9432**, and the grayscale version is **22.7233, 23.9066, 26.0343**.

A 20% lighter version of the original color is **49.8008, 54.6676, 99.1939**, and **9.3176, 10.6023, 26.3663** is the 20% darker color. If you saturate the color by 10%, you get **21.2517, 23.4250, 54.4409**, and if you desaturate by 10%, it is **27.5386, 30.6016, 55.4947**.

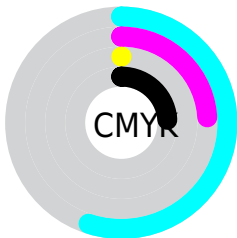
Distribution



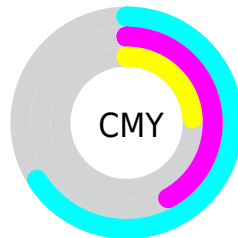
- Red (34%)
- Green (58%)
- Blue (76%)



- Red (34%)
- Yellow (49%)
- Blue (76%)



- Cyan (55%)
- Magenta (24%)
- Yellow (0%)
- Black (24%)



- Cyan (66%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1018, 26.7887, 54.9394 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 24.1018, 26.7887, 54.9394 by changing the saturation by 10% instead.

■ 24.1018, 26.7887,
54.9394

■ 24.1018, 26.7887,
54.9394

265.7657,
286.6326, 422.9576

■ 15.5343, 17.4146,
38.9549

■ 49.6497, 54.5446,
98.9224

■ 9.2840, 10.5305,
26.4171

■ 67.3609, 73.6952,
127.7581

■ 4.9855, 5.7521,
16.9074

■ 88.8506, 96.8734,
161.7145

■ 2.2734, 2.6949,
10.0072

■ 114.4843,
124.4636, 201.2103

■ 0.7810, 0.9746,
5.2981

144.6273,
156.8503, 246.6639

■ 0.0000, 0.0000,
2.3614

179.6450,

■ 0.0000, 0.0000,

194.4177, 298.4940

0.7653

219.9026,
237.5504, 357.1191

■ 0.0000, 0.0000,
0.0000

■ 24.1018, 26.7887,
54.9394

■ 24.1018, 26.7887,
54.9394

■ 21.2517, 23.4250,
54.4409

■ 27.5386, 30.6016,
55.4947

■ 18.9435, 20.4828,
53.9946

■ 31.5968, 34.8831,
56.1073

■ 17.1295, 17.9347,
53.5984

■ 36.3117, 39.6549,
56.7798

■ 15.7511, 15.7472,
53.2488

■ 41.7148, 44.9360,
57.5144

■ 15.1834, 14.7864,
53.0933

■ 47.8354, 50.7445,
58.3129

■ 54.7012, 57.0972,
59.1773

■ 62.3384, 64.0103,
60.1091

■ 70.7715, 71.4990,
61.1101

■ 77.5520, 78.3037,
62.0662

Harmonies

Analogous

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



20.9667, 26.7887, 48.0254



24.1018, 26.7887, 54.9394



27.9277, 26.7887, 53.7713

Triad

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



24.1018, 26.7887, 54.9394



33.0159, 26.7887, 22.8444



20.3268, 26.7887, 17.4901

Complementary

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



24.1018, 26.7887, 54.9394



32.4945, 29.2089, 12.9432

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.



23.1456, 26.7887, 13.5167



24.1018, 26.7887, 54.9394



30.5576, 26.7887, 16.0338

Square

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



24.1018, 26.7887, 54.9394



33.3372, 26.7887, 33.3174



26.8721, 26.7887, 13.0600



18.9361, 26.7887, 25.3788

Rectangle

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



24.1018, 26.7887, 54.9394



30.3551, 26.7887, 48.6300



26.8721, 26.7887, 13.0600



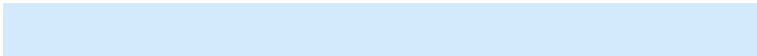
21.1249, 26.7887, 15.7458

Sweetspot

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



24.1027, 26.7897, 54.9401



73.3965, 79.3074, 103.9092



27.4822, 42.3142, 29.0436



15.6228, 16.9300, 22.6943



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



24.1027, 26.7897, 54.9401



37.6372, 41.3727, 98.4718



17.6837, 13.9516, 52.8004



9.9863, 10.6638, 12.8168



10.0654, 9.8872, 34.9345



0.5026, 0.5626, 1.5320

Inverse Universe

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



30.9236, 20.3933, 29.9111



51.7857, 30.6738, 45.9782



41.7112, 47.6423, 16.0154



10.3044, 10.1704, 11.6933



16.4765, 8.2804, 10.4213



0.7461, 0.3714, 0.6302

Previews

White Background



This preview shows how the XYZ color 24.1018, 26.7887, 54.9394 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 24.1018, 26.7887, 54.9394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

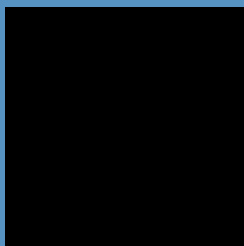
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

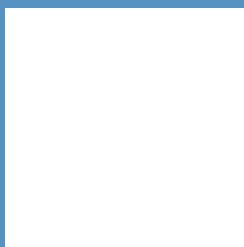
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1018, 26.7887, 54.9394

Background



This preview shows how black text looks on a background with the XYZ color 24.1018, 26.7887, 54.9394.

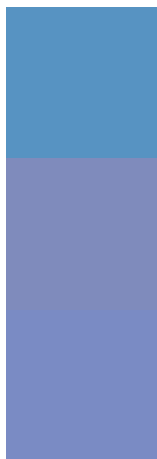


This preview shows how white text looks on a background with the XYZ color 24.1018, 26.7887,

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

24.1018, 26.7887, 54.9394

Protanopia

27.0621, 26.6081, 51.2865

Deuteranopia

27.2225, 26.5883, 55.9218



Tritanopia

21.0003, 26.7096, 39.6459

Trichromacy



Original Color

24.1018, 26.7887, 54.9394

Protanomaly

25.6494, 26.5085, 52.4800

Deuteranomaly

25.8300, 26.5373, 55.3906

Tritanomaly

22.0511, 26.6528, 45.0566

Monochromacy



Original Color

24.1018, 26.7887, 54.9394

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.5695, 24.6474, 35.0204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1018, 26.7887, 54.9394 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(87, 147, 194)` looks like.

```
.text, #text, p{  
    color:rgb(87, 147, 194)  
}
```

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(87, 147, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 147, 194) }
```

Border

The CSS property to change the border of an element to XYZ 24.1018, 26.7887, 54.9394 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(87, 147, 194) }
```


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

```
.border{ border-color:rgb(87, 147, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 147, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 147, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 147, 194);  
box-shadow:4px 4px 4px 4px rgb(87, 147,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1018, 26.7887, 54.9394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 147, 194) }
```

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

```
.background{ background-color: rgb(87, 147,  
194) }
```

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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