

Converting Colors

XYZ(24.4679, 23.9005, 84.2126)

Have a look what the booklet for
XYZ(24.4679, 23.9005, 84.2126)
contains.

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Color

**XYZ(24.4679, 23.9005,
84.2126)**

Conversions

Conversions Part 1

Format	Color
Hex	1188EE
RGB	17, 136, 238
RGB Percent	7%, 53%, 93%
CMY	0.9332, 0.4667, 0.0667
CMYK	0.93, 0.43, 0.00, 0.07
HSL	208°, 87%, 50%
HSV	208°, 93%, 93%
XYZ	24.4679, 23.9005, 84.2126
YIQ	112.0470, -103.6660, 6.4940

Conversions

Conversions Part 2

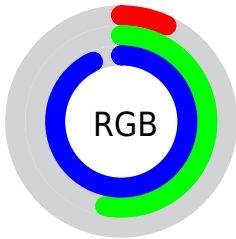
Format	Color
R _Y B	17, 94, 238
Decimal	1149166
CIE Lab	55.99, 7.78, -59.47
CIE LCh	56, 59.973, 277.451
Yxy	23.9005, 0.1846, 0.1803
Android (android.graphics.Color)	4279339246 (0xFF1188EE)
YUV	112.0470, 62.0948, -83.3562
Hunter-Lab	48.8881, 3.7828, -67.9087

Details

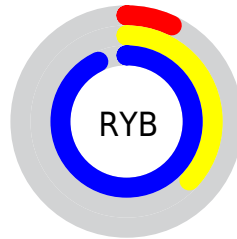
The XYZ color **24.4679, 23.9005, 84.2126** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **41.9637, 31.4219, 4.3854**, and the grayscale version is **15.2644, 16.0594, 17.4887**.

A 20% lighter version of the original color is **42.8031, 46.9947, 101.4227**, and **11.7487, 10.1526, 45.0565** is the 20% darker color. If you saturate the color by 10%, you get **23.1693, 21.6462, 83.8465**, and if you desaturate by 10%, it is **26.7727, 27.5049, 84.7874**.

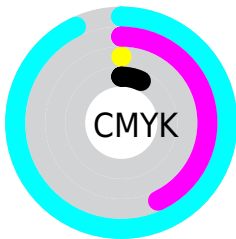
Distribution



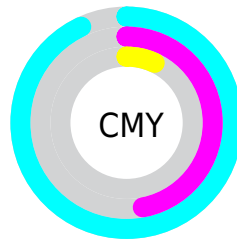
- Red (7%)
- Green (53%)
- Blue (93%)



- Red (7%)
- Yellow (37%)
- Blue (93%)



- Cyan (93%)
- Magenta (43%)
- Yellow (0%)
- Black (7%)



- Cyan (93%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4679, 23.9005, 84.2126 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 24.4679, 23.9005, 84.2126 by changing the saturation by 10% instead.

■ 24.4679, 23.9005,
84.2126

■ 24.4679, 23.9005,
84.2126

267.5744,
272.3171, 529.0954

■ 15.8077, 15.2598,
62.6446

■ 50.2418, 49.8678,
141.1369

■ 9.4781, 9.0019,
45.1146

■ 68.0862, 67.9632,
177.3303

■ 5.1139, 4.7424,
31.2041

■ 89.7227, 89.9789,
219.2358

■ 2.3497, 2.0970,
20.4945

■ 115.5167,
116.2995, 267.2721

■ 0.8199, 0.6629,
12.5674

■ 145.8335,
147.3091, 321.8577

■ 0.0000, 0.0000,
7.0041

181.0385,

■ 0.0000, 0.0000,

183.3924, 383.4111

3.3862

221.4970,
224.9335, 452.3508

■ 0.0000, 0.0000,
1.2951

■ 0.0000, 0.0000,
0.0577

■ 24.4679, 23.9005,
84.2126

■ 24.4679, 23.9005,
84.2126

■ 23.1693, 21.6462,
83.8465

■ 26.7727, 27.5049,
84.7874

■ 29.8117, 31.7297,
85.4427

■ 33.6801, 36.6310,
86.1849

■ 38.4566, 42.2553,
87.0187

■ 44.2097, 48.6441,
87.9487

■ 51.0008, 55.8348,
88.9787

■ 58.8859, 63.8618,
90.1125

■ 67.9165, 72.7574,
91.3535

■ 78.1411, 82.5516,
92.7051

Harmonies

Analogous

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



18.0306, 23.9005, 78.7235



24.4679, 23.9005, 84.2126



31.7046, 23.9005, 68.9287

Triad

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



24.4679, 23.9005, 84.2126



34.8603, 23.9005, 9.1645



12.5940, 23.9005, 14.0723

Complementary

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



24.4679, 23.9005, 84.2126



41.9637, 31.4219, 4.3854

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.



15.6116, 23.9005, 6.0947



24.4679, 23.9005, 84.2126



28.1516, 23.9005, 4.4186

Square

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



24.4679, 23.9005, 84.2126



38.4405, 23.9005, 21.4320



21.0511, 23.9005, 3.6777



11.9991, 23.9005, 31.2281

Rectangle

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



24.4679, 23.9005, 84.2126



35.7269, 23.9005, 52.0538



21.0511, 23.9005, 3.6777



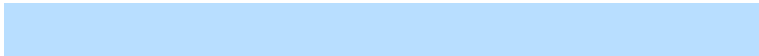
13.3243, 23.9005, 10.5465

Sweetspot

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



24.4689, 23.9012, 84.2132



63.8533, 69.6247, 104.6812



33.9868, 62.5411, 26.9484



12.8418, 14.0547, 22.2859



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.



24.4689, 23.9012, 84.2132



27.0362, 25.1924, 98.0454



16.0821, 7.1275, 81.4176



15.6022, 16.6385, 20.1108



13.0570, 12.3383, 46.8212



1.1857, 1.2253, 3.9282

Inverse Universe

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



39.9053, 20.3571, 25.1189



45.7758, 23.0743, 25.8154



62.8179, 73.1303, 11.3368



16.1286, 15.9012, 18.2336



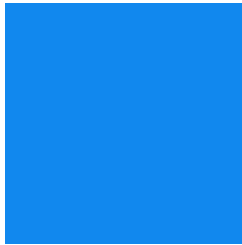
21.9162, 11.0389, 12.7412



1.8734, 0.9384, 1.3243

Previews

White Background



This preview shows how the XYZ color 24.4679, 23.9005, 84.2126 looks on a white background.

Color Contrast Check

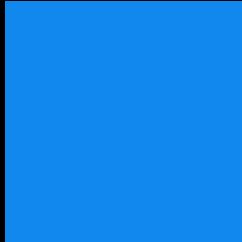
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4679, 23.9005, 84.2126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

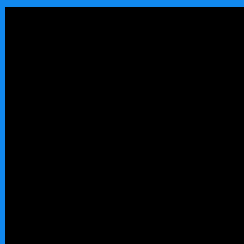
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

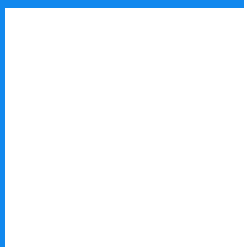
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4679, 23.9005, 84.2126

Background



This preview shows how black text looks on a background with the XYZ color 24.4679, 23.9005, 84.2126.



This preview shows how white text looks on a background with the XYZ color 24.4679, 23.9005,

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

24.4679, 23.9005, 84.2126

Protanopia

26.4786, 23.8177, 79.5456

Deuteranopia

24.6617, 23.7923, 84.1815



Tritanopia

16.7615, 23.6484, 36.0289

Trichromacy



Original Color

24.4679, 23.9005, 84.2126

Protanomaly

25.0892, 23.4672, 81.0492

Deuteranomaly

24.5226, 23.7206, 84.1750

Tritanomaly

19.0180, 23.5731, 50.5614

Monochromacy



Original Color

24.4679, 23.9005, 84.2126

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.0695, 17.7211, 34.9213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4679, 23.9005, 84.2126 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(17, 136, 238)` looks like.

```
.text, #text, p{  
    color:rgb(17, 136, 238)  
}
```

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(17, 136, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 136, 238) }
```

Border

The CSS property to change the border of an element to XYZ 24.4679, 23.9005, 84.2126 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(17, 136, 238) }
```


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

```
.border{ border-color:rgb(17, 136, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 136, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 136, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 136, 238);  
box-shadow:4px 4px 4px 4px rgb(17, 136,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4679, 23.9005, 84.2126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 136, 238) }
```

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

```
.background{ background-color: rgb(17, 136,  
238) }
```

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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