

Converting Colors

XYZ(26.5137, 24.8302, 86.6156)

Have a look what the booklet for
XYZ(26.5137, 24.8302, 86.6156)
contains.

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Color

**XYZ(26.5448, 24.9199,
86.6300)**

Conversions

Conversions Part 1

Format	Color
Hex	3C88F1
RGB	60, 136, 241
RGB Percent	24%, 53%, 95%
CMY	0.7647, 0.4667, 0.0549
CMYK	0.75, 0.44, 0.00, 0.05
HSL	215°, 87%, 59%
HSV	215°, 75%, 95%
XYZ	26.5448, 24.9199, 86.6300
YIQ	125.2460, -79.0010, 16.5430

Conversions

Conversions Part 2

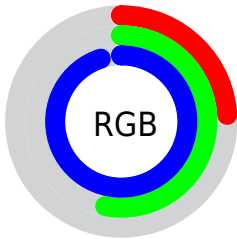
Format	Color
RYB	60, 114, 241
Decimal	3967217
CIELab	57.00, 12.18, -59.47
CIELCh	57, 60.702, 281.578
Yxy	24.9199, 0.1922, 0.1805
Android (android.graphics.Color)	4282157297 (0xFF3C88F1)
YUV	125.2460, 57.0667, -57.2207
Hunter-Lab	49.9198, 7.5574, -67.9469

Details

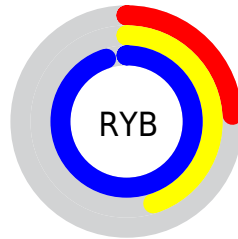
The XYZ color **26.5448, 24.9199, 86.6300** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **50.5491, 45.9419, 10.4802**, and the grayscale version is **19.4103, 20.4211, 22.2386**.

A 20% lighter version of the original color is **45.4535, 48.3610, 101.5467**, and **12.0599, 10.2771, 46.6954** is the 20% darker color. If you saturate the color by 10%, you get **23.5638, 20.6483, 85.9632**, and if you desaturate by 10%, it is **30.4472, 30.0482, 87.4148**.

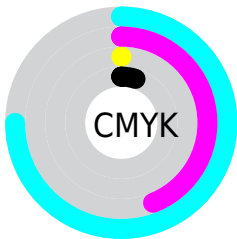
Distribution



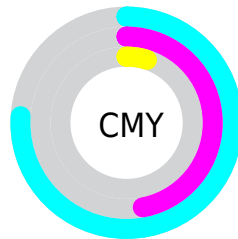
- Red (24%)
- Green (53%)
- Blue (95%)



- Red (24%)
- Yellow (45%)
- Blue (95%)



- Cyan (75%)
- Magenta (44%)
- Yellow (0%)
- Black (5%)



- Cyan (76%)
- Magenta (47%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5448, 24.9199, 86.6300 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 26.5448, 24.9199, 86.6300 by changing the saturation by 10% instead.

■ 26.5448, 24.9199,
86.6300

■ 26.5448, 24.9199,
86.6300

277.6542,
277.4388, 537.2909

■ 17.3665, 16.0174,
64.6312

■ 53.5776, 51.5272,
144.5426

■ 10.5930, 9.5365,
46.7126

■ 72.1628, 70.0009,
181.2935

■ 5.8592, 5.0927,
32.4558

■ 94.6143, 92.4337,
223.7988

■ 2.7995, 2.3018,
21.4422

■ 121.2975,
119.2100, 272.4771

■ 1.0486, 0.7746,
13.2532

152.5777,
150.7143, 327.7469

■ 0.0000, 0.0000,
7.4704

188.8204,

■ 0.0000, 0.0000,

187.3309, 390.0268

3.6751

230.3907,
229.4443, 459.7353

■ 0.0000, 0.0000,
1.4489

■ 0.0000, 0.0000,
0.1794

■ 26.5448, 24.9199,
86.6300

■ 26.5448, 24.9199,
86.6300

■ 23.5638, 20.6483,
85.9632

■ 30.4472, 30.0482,
87.4148

■ 21.3929, 17.1609,
85.4045

■ 35.3566, 36.0906,
88.3223

■ 20.5490, 15.6943,
85.1659

■ 41.3517, 43.1010,
89.3595

■ 48.5014, 51.1276,
90.5319

■ 56.8688, 60.2147,
91.8449

■ 66.5120, 70.4041,
93.3034

■ 77.4854, 81.7347,
94.9121

■ 89.8398, 94.2434,
96.6753

■ 92.8773, 99.1309,
97.4586

Harmonies

Analogous

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



19.6122, 24.9199, 84.0262



26.5448, 24.9199, 86.6300



33.9976, 24.9199, 68.3728

Triad

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



26.5448, 24.9199, 86.6300



35.4915, 24.9199, 8.5287



12.9149, 24.9199, 16.5216

Complementary

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



26.5448, 24.9199, 86.6300



50.5491, 45.9419, 10.4802

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.



15.7032, 24.9199, 7.0865



26.5448, 24.9199, 86.6300



28.2872, 24.9199, 4.3300

Square

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



26.5448, 24.9199, 86.6300



39.8133, 24.9199, 19.9922



21.0395, 24.9199, 3.9828



12.6343, 24.9199, 35.8003

Rectangle

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



26.5448, 24.9199, 86.6300



37.9030, 24.9199, 50.4380



21.0395, 24.9199, 3.9828



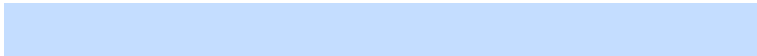
13.5593, 24.9199, 12.4085

Sweetspot

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



26.5459, 24.9206, 86.6307



66.7558, 70.7022, 104.7362



39.8924, 66.5011, 45.1833



13.4928, 14.2818, 22.2955



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.



26.5459, 24.9206, 86.6307



25.4053, 21.3169, 97.3833



20.1722, 10.9647, 84.2728



15.4426, 16.3194, 20.0576



11.2697, 8.7636, 46.2254



1.0338, 0.9215, 3.8776

Inverse Universe

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



42.3364, 23.7116, 25.6384



45.1024, 23.3784, 20.5011



64.5637, 79.8847, 16.2931



16.0481, 15.8690, 17.8096



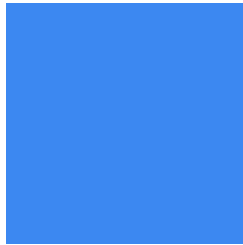
21.0140, 10.6780, 7.9905



1.7967, 0.9077, 0.9205

Previews

White Background



This preview shows how the XYZ color 26.5448, 24.9199, 86.6300 looks on a white background.

Color Contrast Check

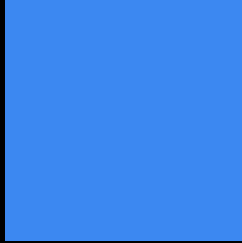
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5448, 24.9199, 86.6300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

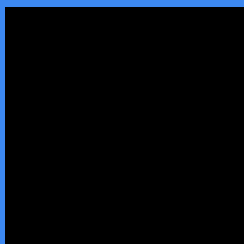
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

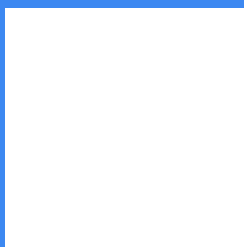
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5448, 24.9199, 86.6300

Background



This preview shows how black text looks on a background with the XYZ color 26.5448, 24.9199, 86.6300.



This preview shows how white text looks on a background with the XYZ color 26.5448, 24.9199,

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

26.5448, 24.9199, 86.6300

Protanopia

27.5618, 24.6917, 83.4341

Deuteranopia

25.8801, 24.9992, 86.6804



Tritanopia

17.5882, 24.7419, 38.0311

Trichromacy



Original Color

26.5448, 24.9199, 86.6300

Protanomaly

26.9620, 24.5678, 84.2099

Deuteranomaly

26.0418, 24.8706, 86.6470

Tritanomaly

20.0137, 24.4899, 52.9624

Monochromacy



Original Color

26.5448, 24.9199, 86.6300

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.1921, 21.2572, 39.5980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5448, 24.9199, 86.6300 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(60, 136, 241)` looks like.

```
.text, #text, p{  
    color:rgb(60, 136, 241)  
}
```

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(60, 136, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 136, 241) }
```

Border

The CSS property to change the border of an element to XYZ 26.5448, 24.9199, 86.6300 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(60, 136, 241) }
```


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

```
.border{ border-color:rgb(60, 136, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 136, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 136, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 136, 241);  
box-shadow:4px 4px 4px 4px rgb(60, 136,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5448, 24.9199, 86.6300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 136, 241) }
```

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

```
.background{ background-color: rgb(60, 136,  
241) }
```

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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