

Converting Colors

XYZ(26.4841, 24.1209, 95.3502)

Have a look what the booklet for
XYZ(26.4841, 24.1209, 95.3502)
contains.

XYZ(26.4649, 24.0645, 95.3455)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4649, 24.0645,
95.3455)**

Conversions

Conversions Part 1

Format	Color
Hex	1D85FC
RGB	29, 133, 252
RGB Percent	11%, 52%, 99%
CMY	0.8861, 0.4784, 0.0118
CMYK	0.88, 0.47, 0.00, 0.01
HSL	212°, 97%, 55%
HSV	212°, 88%, 99%
XYZ	26.4649, 24.0645, 95.3455
YIQ	115.4700, -100.1830, 14.9610

Conversions

Conversions Part 2

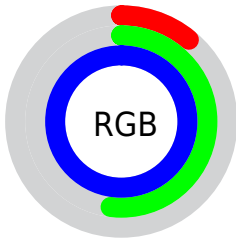
Format	Color
R _Y B	29, 100, 252
Decimal	1934844
CIE Lab	56.15, 15.50, -66.94
CIE LCh	56, 68.712, 283.034
Yxy	24.0645, 0.1814, 0.1650
Android (android.graphics.Color)	4280124924 (0xFF1D85FC)
YUV	115.4700, 67.3093, -75.8342
Hunter-Lab	49.0556, 10.4514, -80.8984

Details

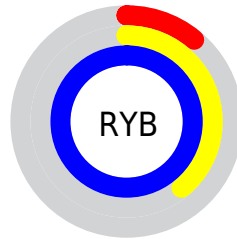
The XYZ color **26.4649, 24.0645, 95.3455** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **50.9625, 41.9748, 6.5805**, and the grayscale version is **16.2653, 17.1123, 18.6353**.

A 20% lighter version of the original color is **42.8702, 45.7695, 101.1826**, and **12.9861, 10.3920, 52.3604** is the 20% darker color. If you saturate the color by 10%, you get **24.2813, 20.3782, 94.7496**, and if you desaturate by 10%, it is **29.4531, 28.5158, 96.0478**.

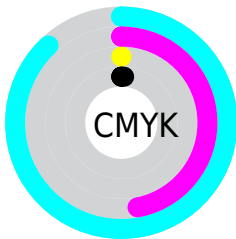
Distribution



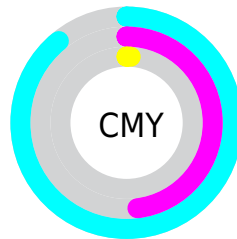
- Red (11%)
- Green (52%)
- Blue (99%)



- Red (11%)
- Yellow (39%)
- Blue (99%)



- Cyan (88%)
- Magenta (47%)
- Yellow (0%)
- Black (1%)



- Cyan (89%)
- Magenta (48%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4649, 24.0645, 95.3455 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 26.4649, 24.0645, 95.3455 by changing the saturation by 10% instead.

■ 26.4649, 24.0645,
95.3455

■ 26.4649, 24.0645,
95.3455

277.2719,
273.1464, 566.2830

■ 17.3063, 15.3815,
71.8241

■ 53.4500, 50.1354,
156.7415

■ 10.5497, 9.0875,
52.5290

■ 72.0071, 68.2921,
195.4532

■ 5.8300, 4.7983,
37.0418

■ 94.4278, 90.3755,
240.0654

■ 2.7817, 2.1294,
24.9438

■ 121.0774,
116.7700, 290.9967

■ 1.0394, 0.6811,
15.8166

■ 152.3212,
147.8599, 348.6655

■ 0.0000, 0.0000,
9.2415

188.5247,

■ 0.0000, 0.0000,

184.0297, 413.4905

4.8001

230.0531,
225.6637, 485.8902

■ 0.0000, 0.0000,
2.0738

■ 0.0000, 0.0000,
0.6001

■ 26.4649, 24.0645,
95.3455

■ 26.4649, 24.0645,
95.3455

■ 24.2813, 20.3782,
94.7496

■ 29.4531, 28.5158,
96.0478

■ 23.9911, 19.8689,
94.6666

■ 33.3848, 33.8160,
96.8636

■ 38.3641, 40.0306,
97.8007

■ 44.4789, 47.2163,
98.8654

■ 51.8067, 55.4239,
100.0634

■ 60.4178, 64.7000,
101.4000

■ 70.3769, 75.0881,
102.8802

■ 81.7439, 86.6287,
104.5087

■ 94.2674, 99.2015,
106.2754

Harmonies

Analogous

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



18.7279, 24.0645, 93.5332



26.4649, 24.0645, 95.3455



34.8567, 24.0645, 72.4753

Triad

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



26.4649, 24.0645, 95.3455



35.8398, 24.0645, 6.3377



11.2206, 24.0645, 15.4651

Complementary

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



26.4649, 24.0645, 95.3455



50.9625, 41.9748, 6.5805

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.



14.0082, 24.0645, 5.5547



26.4649, 24.0645, 95.3455



27.5877, 24.0645, 2.7499

Square

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



26.4649, 24.0645, 95.3455



41.0493, 24.0645, 17.5792



19.6210, 24.0645, 2.5820



11.0540, 24.0645, 37.2647

Rectangle

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



26.4649, 24.0645, 95.3455



39.2199, 24.0645, 51.2331



19.6210, 24.0645, 2.5820



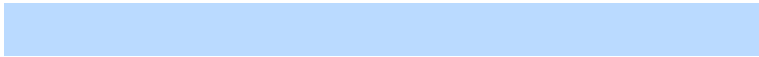
11.8467, 24.0645, 11.0335

Sweetspot

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



26.4660, 24.0652, 95.3462



63.4735, 67.9525, 104.3785



40.6595, 72.0194, 39.7541



12.8917, 13.8086, 22.2358



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.



26.4660, 24.0652, 95.3462



24.6353, 20.3907, 97.2451



18.7549, 8.2922, 92.7081



16.9502, 17.9773, 21.9619



12.6415, 10.6387, 49.3607



1.2758, 1.1953, 4.6066

Inverse Universe

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



44.8190, 23.2694, 24.3196



44.5640, 22.5896, 19.4338



72.5386, 89.0451, 14.5288



17.5814, 17.3599, 19.6515



22.6729, 11.4849, 10.2518



2.1529, 1.0849, 1.2285

Previews

White Background



This preview shows how the XYZ color 26.4649, 24.0645, 95.3455 looks on a white background.

Color Contrast Check

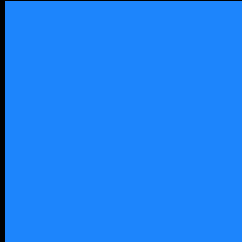
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4649, 24.0645, 95.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

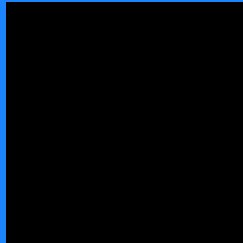
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

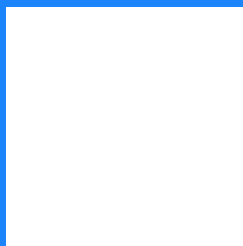
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4649, 24.0645, 95.3455

Background



This preview shows how black text looks on a background with the XYZ color 26.4649, 24.0645, 95.3455.



This preview shows how white text looks on a background with the XYZ color 26.4649, 24.0645,

95.3455.

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

26.4649, 24.0645, 95.3455

Protanopia

27.5244, 24.0822, 92.0046

Deuteranopia

24.3841, 23.8403, 84.9778



Tritanopia

16.9190, 23.9635, 36.0814

Trichromacy



Original Color

26.4649, 24.0645, 95.3455

Protanomaly

26.8461, 23.9129, 92.8232

Deuteranomaly

25.1311, 23.9307, 88.8825

Tritanomaly

19.4749, 23.5218, 53.3829

Monochromacy



Original Color

26.4649, 24.0645, 95.3455

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.4072, 18.5205, 38.2547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4649, 24.0645, 95.3455 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(29, 133, 252)` looks like.

```
.text, #text, p{  
    color:rgb(29, 133, 252)  
}
```

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(29, 133, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 133, 252) }
```

Border

The CSS property to change the border of an element to XYZ 26.4649, 24.0645, 95.3455 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(29, 133, 252) }
```


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

```
.border{ border-color:rgb(29, 133, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 133, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 133, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 133, 252);  
box-shadow:4px 4px 4px 4px rgb(29, 133,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4649, 24.0645, 95.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 133, 252) }
```

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

```
.background{ background-color: rgb(29, 133,  
252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor