

Converting Colors

XYZ(27.0488, 24.5046, 97.9120)

Have a look what the booklet for
XYZ(27.0488, 24.5046, 97.9120)
contains.

XYZ(27.0540, 24.5171, 97.9141)	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(27.0540, 24.5171,
97.9141)**

Conversions

Conversions Part 1

Format	Color
Hex	1C86FF
RGB	28, 134, 255
RGB Percent	11%, 53%, 100%
CMY	0.8901, 0.4745, 0.0000
CMYK	0.89, 0.47, 0.00, 0.00
HSL	212°, 100%, 55%
HSV	212°, 89%, 100%
XYZ	27.0540, 24.5171, 97.9141
YIQ	116.1000, -102.0170, 15.1590

Conversions

Conversions Part 2

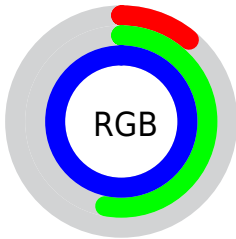
Format	Color
R _Y B	28, 100, 255
Decimal	1869567
CIE Lab	56.60, 15.96, -67.87
CIE LCh	57, 69.722, 283.236
Yxy	24.5171, 0.1810, 0.1640
Android (android.graphics.Color)	4280059647 (0xFF1C86FF)
YUV	116.1000, 68.4777, -77.2637
Hunter-Lab	49.5147, 10.8785, -82.5841

Details

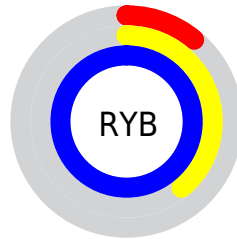
The XYZ color **27.0540, 24.5171, 97.9141** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **52.2029, 42.8497, 6.6202**, and the grayscale version is **16.4538, 17.3107, 18.8513**.

A 20% lighter version of the original color is **43.0801, 46.1894, 101.2526**, and **13.4058, 10.6868, 54.1795** is the 20% darker color. If you saturate the color by 10%, you get **24.8471, 20.7672, 97.3066**, and if you desaturate by 10%, it is **30.0730, 29.0445, 98.6289**.

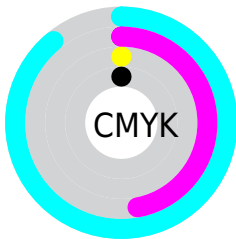
Distribution



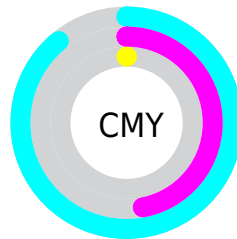
- Red (11%)
- Green (53%)
- Blue (100%)



- Red (11%)
- Yellow (39%)
- Blue (100%)



- Cyan (89%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0540, 24.5171, 97.9141 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 27.0540, 24.5171, 97.9141 by changing the saturation by 10% instead.

■ 27.0540, 24.5171,
97.9141

■ 27.0540, 24.5171,
97.9141

280.0813,
275.4244, 574.6736

■ 17.7506, 15.7176,
73.9525

■ 54.3898, 50.8727,
160.3145

■ 10.8697, 9.3246,
54.2586

■ 73.1529, 69.1977,
199.5904

■ 6.0459, 4.9535,
38.4139

■ 95.7999, 91.4666,
244.8082

■ 2.9139, 2.2200,
25.9998

■ 122.6962,
118.0639, 296.3863

■ 1.1084, 0.7309,
16.5977

■ 154.2071,
149.3739, 354.7434

■ 0.0321, 0.0000,
9.7892

190.6980,

■ 0.0000, 0.0000,

185.7811, 420.2979

5.1556

232.5343,
227.6698, 493.4685

■ 0.0000, 0.0000,
2.2785

■ 0.0000, 0.0000,
0.7191

■ 27.0540, 24.5171,
97.9141

■ 27.0540, 24.5171,
97.9141

■ 24.8471, 20.7672,
97.3066

■ 30.0730, 29.0445,
98.6289

■ 24.6533, 20.4267,
97.2511

■ 34.0554, 34.4398,
99.4604

■ 39.1092, 40.7712,
100.4161

■ 45.3255, 48.0971,
101.5025

■ 52.7847, 56.4701,
102.7255

■ 61.5595, 65.9385,
104.0906

■ 71.7166, 76.5470,
105.6029

■ 83.3179, 88.3374,
107.2672

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



19.0929, 24.5171, 96.2336



27.0540, 24.5171, 97.9141



35.6831, 24.5171, 74.1631

Triad

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



27.0540, 24.5171, 97.9141



36.5914, 24.5171, 6.3148



11.3446, 24.5171, 15.7855

Complementary

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



27.0540, 24.5171, 97.9141



52.2029, 42.8497, 6.6202

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.



14.1790, 24.5171, 5.6009



27.0540, 24.5171, 97.9141



28.0900, 24.5171, 2.7133

Square

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



27.0540, 24.5171, 97.9141



41.9902, 24.5171, 17.7287



19.9154, 24.5171, 2.5614



11.1917, 24.5171, 38.2662

Rectangle

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



27.0540, 24.5171, 97.9141



40.1594, 24.5171, 52.2412



19.9154, 24.5171, 2.5614



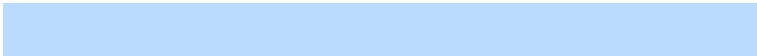
11.9790, 24.5171, 11.2250

Sweetspot

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



27.0550, 24.5177, 97.9142



63.4841, 67.9737, 104.3820



41.3739, 73.8210, 38.9778



12.8941, 13.8136, 22.2366



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.



27.0550, 24.5177, 97.9142



24.6533, 20.4267, 97.2511



19.0561, 8.3563, 95.2163



17.7021, 18.7759, 22.9411



13.0282, 10.9659, 50.8646



1.3766, 1.2840, 4.9885

Inverse Universe

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



45.9592, 23.8134, 24.7286



44.5731, 22.5932, 19.4817



75.8320, 92.1536, 14.8915



18.3623, 18.1282, 20.5250



23.3642, 11.8350, 10.5683



2.3295, 1.1742, 1.3164

Previews

White Background



This preview shows how the XYZ color 27.0540, 24.5171, 97.9141 looks on a white background.

Color Contrast Check

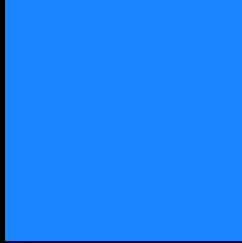
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0540, 24.5171, 97.9141 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

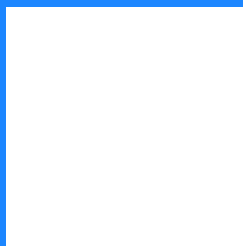
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0540, 24.5171, 97.9141

Background



This preview shows how black text looks on a background with the XYZ color 27.0540, 24.5171, 97.9141.



This preview shows how white text looks on a background with the XYZ color 27.0540, 24.5171,

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

27.0540, 24.5171, 97.9141

Protanopia

28.1274, 24.5372, 94.5205

Deuteranopia

24.8228, 24.2422, 86.5900



Tritanopia

17.2515, 24.3508, 37.0486

Trichromacy



Original Color

27.0540, 24.5171, 97.9141

Protanomaly

27.3975, 24.3430, 95.3501

Deuteranomaly

25.5639, 24.3267, 90.5369

Tritanomaly

19.9488, 23.9512, 55.2014

Monochromacy



Original Color

27.0540, 24.5171, 97.9141

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.7142, 18.8408, 39.2622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0540, 24.5171, 97.9141 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(28, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(28, 134, 255)  
}
```

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(28, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 134, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.0540, 24.5171, 97.9141 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(28, 134, 255) }
```


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

```
.border{ border-color:rgb(28, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(28, 134,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0540, 24.5171, 97.9141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 134, 255) }
```

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

```
.background{ background-color: rgb(28, 134,  
255) }
```

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