

Converting Colors

XYZ(27.0251, 24.8047, 97.9612)

Have a look what the booklet for
XYZ(27.0251, 24.8047, 97.9612)
contains.

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Color

**XYZ(26.9634, 24.6765,
97.9497)**

Conversions

Conversions Part 1

Format	Color
Hex	1287FF
RGB	18, 135, 255
RGB Percent	7%, 53%, 100%
CMY	0.9292, 0.4706, 0.0000
CMYK	0.93, 0.47, 0.00, 0.00
HSL	210°, 100%, 54%
HSV	210°, 93%, 100%
XYZ	26.9634, 24.6765, 97.9497
YIQ	113.6970, -108.2520, 12.5160

Conversions

Conversions Part 2

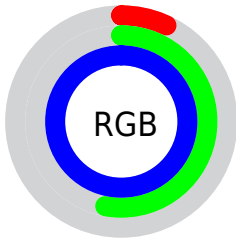
Format	Color
R _Y B	18, 96, 255
Decimal	1214463
CIE Lab	56.76, 14.92, -67.62
CIE LCh	57, 69.248, 282.442
Yxy	24.6765, 0.1802, 0.1650
Android (android.graphics.Color)	4279404543 (0xFF1287FF)
YUV	113.6970, 69.6624, -83.9263
Hunter-Lab	49.6754, 9.9562, -82.1348

Details

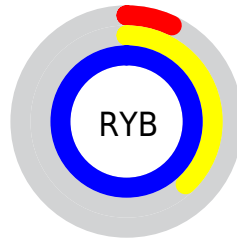
The XYZ color **26.9634, 24.6765, 97.9497** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **50.4452, 39.4951, 5.5390**, and the grayscale version is **15.7300, 16.5492, 18.0221**.

A 20% lighter version of the original color is **43.1035, 46.8313, 101.3753**, and **13.4058, 10.6868, 54.1795** is the 20% darker color. If you saturate the color by 10%, you get **25.4929, 22.1057, 97.5310**, and if you desaturate by 10%, it is **29.6460, 28.8985, 98.6232**.

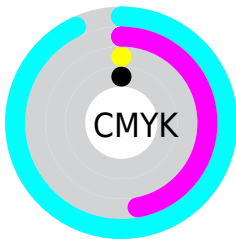
Distribution



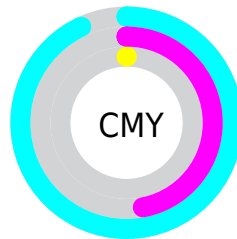
- Red (7%)
- Green (53%)
- Blue (100%)



- Red (7%)
- Yellow (38%)
- Blue (100%)



- Cyan (93%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (93%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9634, 24.6765, 97.9497 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 26.9634, 24.6765, 97.9497 by changing the saturation by 10% instead.

■ 26.9634, 24.6765,
97.9497

■ 26.9634, 24.6765,
97.9497

279.6506,
276.2230, 574.7894

■ 17.6822, 15.8362,
73.9820

■ 54.2454, 51.1319,
160.3640

■ 10.8204, 9.4083,
54.2826

■ 72.9770, 69.5158,
199.6476

■ 6.0126, 5.0085,
38.4330

■ 95.5893, 91.8498,
244.8737

■ 2.8935, 2.2522,
26.0145

■ 122.4478,
118.5180, 296.4608

■ 1.0977, 0.7482,
16.6086

■ 153.9178,
149.9051, 354.8273

■ 0.0232, 0.0000,
9.7968

190.3648,

■ 0.0000, 0.0000,

186.3954, 420.3920

5.1606

232.1539,
228.3732, 493.5731

■ 0.0000, 0.0000,
2.2814

■ 0.0000, 0.0000,
0.7208

■ 26.9634, 24.6765,
97.9497

■ 26.9634, 24.6765,
97.9497

■ 25.4929, 22.1057,
97.5310

■ 29.6460, 28.8985,
98.6232

■ 33.2227, 33.9169,
99.4033

■ 37.8091, 39.8016,
100.2975

■ 43.5003, 46.6118,
101.3120

■ 50.3792, 54.3999,
102.4527

■ 58.5204, 63.2133,
103.7248

■ 67.9915, 73.0961,
105.1332

■ 78.8553, 84.0890,
106.6824

■ 91.1703, 96.2307,
108.3769

Harmonies

Analogous

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



19.0726, 24.6765, 95.5349



26.9634, 24.6765, 97.9497



35.5789, 24.6765, 74.8971

Triad

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



26.9634, 24.6765, 97.9497



36.8894, 24.6765, 6.6380



11.5411, 24.6765, 15.5567

Complementary

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



26.9634, 24.6765, 97.9497



50.4452, 39.4951, 5.5390

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.



14.4543, 24.6765, 5.5925



26.9634, 24.6765, 97.9497



28.4603, 24.6765, 2.8560

Square

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



26.9634, 24.6765, 97.9497



42.1324, 24.6765, 18.3769



20.2636, 24.6765, 2.6315



11.3188, 24.6765, 37.6405

Rectangle

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



26.9634, 24.6765, 97.9497



40.1003, 24.6765, 53.1591



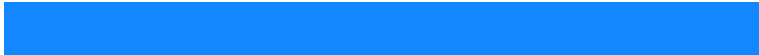
20.2636, 24.6765, 2.6315



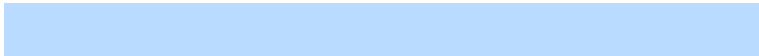
12.2008, 24.6765, 11.0926

Sweetspot

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



26.9644, 24.6771, 97.9497



63.0114, 67.9409, 104.4006



40.4917, 73.4416, 35.5302



12.6404, 13.6519, 22.2188



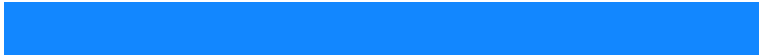
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.9644, 24.6771, 97.9497



25.4929, 22.1057, 97.5310



18.5175, 7.7833, 95.1341



17.7434, 18.8585, 22.9548



13.4694, 11.8483, 51.0116



1.4205, 1.3718, 5.0032

Inverse Universe

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



45.8303, 23.4435, 25.0313



44.9968, 22.7627, 21.7131



77.1096, 92.8238, 14.4271



18.3831, 18.1366, 20.6348



23.5869, 11.9241, 11.7411



2.3516, 1.1830, 1.4331

Previews

White Background



This preview shows how the XYZ color 26.9634, 24.6765, 97.9497 looks on a white background.

Color Contrast Check

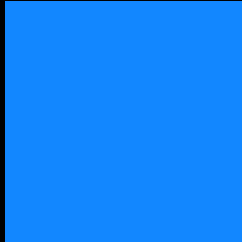
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9634, 24.6765, 97.9497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

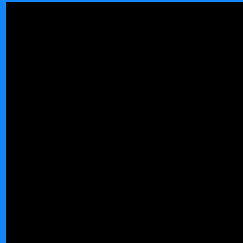
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

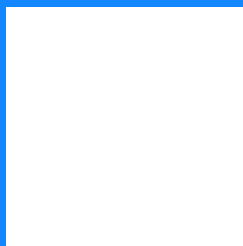
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9634, 24.6765, 97.9497

Background



This preview shows how black text looks on a background with the XYZ color 26.9634, 24.6765, 97.9497.



This preview shows how white text looks on a background with the XYZ color 26.9634, 24.6765,

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

26.9634, 24.6765, 97.9497

Protanopia

28.2765, 24.6141, 94.5274

Deuteranopia

25.1155, 24.5878, 87.4266



Tritanopia

17.2515, 24.3508, 37.0486

Trichromacy



Original Color

26.9634, 24.6765, 97.9497

Protanomaly

27.2901, 24.2877, 95.3451

Deuteranomaly

25.8218, 24.6519, 91.3930

Tritanomaly

20.0633, 24.2361, 55.2503

Monochromacy



Original Color

26.9634, 24.6765, 97.9497

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.9755, 18.2979, 38.2345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9634, 24.6765, 97.9497 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(18, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(18, 135, 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(18, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 135, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.9634, 24.6765, 97.9497 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(18, 135, 255) }
```


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

```
.border{ border-color:rgb(18, 135, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 135, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 135, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 135, 255);  
box-shadow:4px 4px 4px 4px rgb(18, 135,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9634, 24.6765, 97.9497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 135, 255) }
```

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

```
.background{ background-color: rgb(18, 135,  
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](#).

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