

Converting Colors

XYZ(28.2848, 24.0621, 97.7614)

Have a look what the booklet for
XYZ(28.2848, 24.0621, 97.7614)
contains.

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Color

**XYZ(28.3545, 24.1857,
97.7816)**

Conversions

Conversions Part 1

Format	Color
Hex	4581FF
RGB	69, 129, 255
RGB Percent	27%, 51%, 100%
CMY	0.7294, 0.4941, 0.0000
CMYK	0.73, 0.49, 0.00, 0.00
HSL	221°, 100%, 64%
HSV	221°, 73%, 100%
XYZ	28.3545, 24.1857, 97.7816
YIQ	125.4240, -76.2060, 26.4660

Conversions

Conversions Part 2

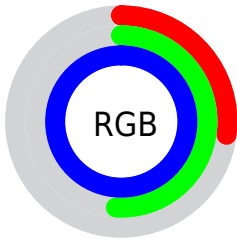
Format	Color
R _Y B	69, 114, 255
Decimal	4555263
CIE Lab	56.27, 22.57, -68.35
CIE LCh	56, 71.978, 288.273
Yxy	24.1857, 0.1886, 0.1609
Android (android.graphics.Color)	4282745343 (0xFF4581FF)
YUV	125.4240, 63.8810, -49.4838
Hunter-Lab	49.1790, 16.8523, -83.4599

Details

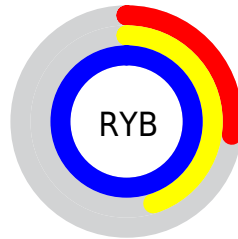
The XYZ color **28.3545, 24.1857, 97.7816** is a light color, and the websafe version is hex **3366CC**. The color can be described as light washed azure. A complement of this color would be **61.8326, 60.7258, 14.0947**, and the grayscale version is **19.4471, 20.4599, 22.2808**.

A 20% lighter version of the original color is **45.2213, 45.7567, 101.0563**, and **13.0205, 9.9161, 54.0511** is the 20% darker color. If you saturate the color by 10%, you get **24.8318, 19.2725, 97.0189**, and if you desaturate by 10%, it is **33.0404, 30.2698, 98.7090**.

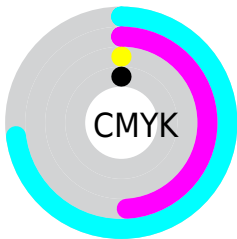
Distribution



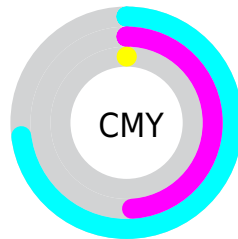
- Red (27%)
- Green (51%)
- Blue (100%)



- Red (27%)
- Yellow (45%)
- Blue (100%)



- Cyan (73%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3545, 24.1857, 97.7816 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 28.3545, 24.1857, 97.7816 by changing the saturation by 10% instead.

■ 28.3545, 24.1857,
97.7816

■ 28.3545, 24.1857,
97.7816

286.2064,
273.7580, 574.2424

■ 18.7349, 15.4714,
73.8426

■ 56.4546, 50.3331,
160.1304

■ 11.5817, 9.1509,
54.1692

■ 75.6658, 68.5350,
199.3774

■ 6.5297, 4.8397,
38.3429

■ 98.8049, 90.6682,
244.5640

■ 3.2135, 2.1535,
25.9450

■ 126.2373,
117.1171, 296.1090

■ 1.2676, 0.6945,
16.5571

158.3283,
148.2662, 354.4308

■ 0.1588, 0.0000,
9.7606

195.4432,

■ 0.0000, 0.0000,

184.4997, 419.9479

5.1370

237.9475,
226.2022, 493.0789

■ 0.0000, 0.0000,
2.2677

■ 0.0000, 0.0000,
0.7131

■ 28.3545, 24.1857,
97.7816

■ 28.3545, 24.1857,
97.7816

■ 24.8318, 19.2725,
97.0189

■ 33.0404, 30.2698,
98.7090

■ 22.3425, 15.4344,
96.4093

■ 38.9929, 37.6046,
99.8110

■ 21.0859, 13.2918,
96.0620

■ 46.3064, 46.2638,
101.0969

■ 55.0649, 56.3142,
102.5752

■ 65.3454, 67.8180,
104.2539

■ 77.2190, 80.8331,
106.1402

■ 90.7524, 95.4142,
108.2414

■ 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.



19.8988, 24.1857, 101.0511



28.3545, 24.1857, 97.7816



37.0484, 24.1857, 69.8817

Triad

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



28.3545, 24.1857, 97.7816



35.3079, 24.1857, 4.8487



10.6496, 24.1857, 18.1052

Complementary

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



28.3545, 24.1857, 97.7816



61.8326, 60.7258, 14.0947

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.



13.0285, 24.1857, 6.1416



28.3545, 24.1857, 97.7816



26.3809, 24.1857, 2.1590

Square

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



28.3545, 24.1857, 97.7816



41.6810, 24.1857, 14.4608



18.3449, 24.1857, 2.4237



10.9340, 24.1857, 43.3903

Rectangle

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



28.3545, 24.1857, 97.7816



41.1944, 24.1857, 47.0972



18.3449, 24.1857, 2.4237



11.1354, 24.1857, 12.7957

Sweetspot

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



28.3555, 24.1863, 97.7817



66.3880, 68.9711, 104.4215



47.8413, 76.6362, 62.7254



13.5714, 14.0553, 22.2476



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.



28.3555, 24.1863, 97.7817



23.4510, 17.2010, 96.6919



25.4357, 14.1879, 96.0057



17.4813, 18.3342, 22.8674



11.1370, 7.1837, 50.2342



1.1785, 0.8877, 4.9225

Inverse Universe

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



47.3314, 27.1029, 23.5058



44.1666, 23.1980, 14.9757



67.5758, 87.7975, 19.0174



18.2508, 18.0836, 19.9380



22.4097, 11.4532, 5.5418



2.2295, 1.1342, 0.7897

Previews

White Background



This preview shows how the XYZ color 28.3545, 24.1857, 97.7816 looks on a white background.

Color Contrast Check

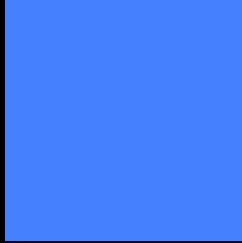
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3545, 24.1857, 97.7816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

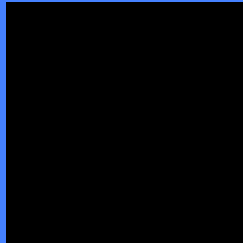
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

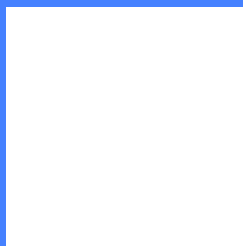
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3545, 24.1857, 97.7816

Background



This preview shows how black text looks on a background with the XYZ color 28.3545, 24.1857, 97.7816.



This preview shows how white text looks on a background with the XYZ color 28.3545, 24.1857,

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

28.3545, 24.1857, 97.7816

Protanopia

28.1470, 24.2753, 97.8098

Deuteranopia

24.6738, 24.1826, 85.8053



Tritanopia

17.0926, 24.0330, 36.9957

Trichromacy



Original Color

28.3545, 24.1857, 97.7816

Protanomaly

28.2794, 24.3435, 97.8160

Deuteranomaly

25.4074, 23.8494, 89.6505

Tritanomaly

19.9242, 23.4928, 55.1142

Monochromacy



Original Color

28.3545, 24.1857, 97.7816

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.7329, 20.9035, 41.9718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3545, 24.1857, 97.7816 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(69, 129, 255)` looks like.

```
.text, #text, p{  
    color:rgb(69, 129, 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(69, 129, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 129, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.3545, 24.1857, 97.7816 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(69, 129, 255) }
```


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

```
.border{ border-color:rgb(69, 129, 255) }
```

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

Here you see how a box with a 4 pixel rgb(69, 129, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 129, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 129, 255);  
box-shadow:4px 4px 4px 4px rgb(69, 129,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3545, 24.1857, 97.7816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 129, 255) }
```

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

```
.background{ background-color: rgb(69, 129,  
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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