

Converting Colors

XYZ(28.7547, 24.8888, 95.7583)

Have a look what the booklet for
XYZ(28.7547, 24.8888, 95.7583)
contains.

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Color

**XYZ(28.6675, 24.7974,
95.3709)**

Conversions

Conversions Part 1

Format	Color
Hex	4C83FC
RGB	76, 131, 252
RGB Percent	30%, 51%, 99%
CMY	0.7019, 0.4863, 0.0118
CMYK	0.70, 0.48, 0.00, 0.01
HSL	221°, 97%, 64%
HSV	221°, 70%, 99%
XYZ	28.6675, 24.7974, 95.3709
YIQ	128.3490, -71.6210, 25.9710

Conversions

Conversions Part 2

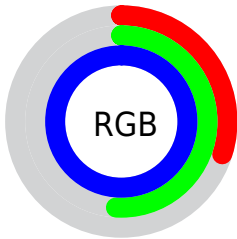
Format	Color
R _Y B	76, 118, 252
Decimal	5014524
CIE Lab	56.88, 21.19, -65.71
CIE LCh	57, 69.040, 287.873
Yxy	24.7974, 0.1926, 0.1666
Android (android.graphics.Color)	4283204604 (0xFF4C83FC)
YUV	128.3490, 60.9599, -45.9101
Hunter-Lab	49.7970, 15.6155, -78.6940

Details

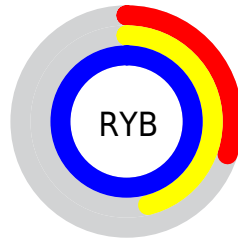
The XYZ color **28.6675, 24.7974, 95.3709** is a light color, and the websafe version is hex **3366CC**. The color can be described as light washed azure. A complement of this color would be **61.4189, 61.1552, 15.4066**, and the grayscale version is **20.4531, 21.5183, 23.4334**.

A 20% lighter version of the original color is **46.3112, 46.9266, 101.2246**, and **12.9436, 10.1266, 52.9022** is the 20% darker color. If you saturate the color by 10%, you get **24.9073, 19.6886, 94.5836**, and if you desaturate by 10%, it is **33.6026, 31.0898, 96.3259**.

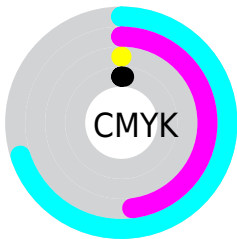
Distribution



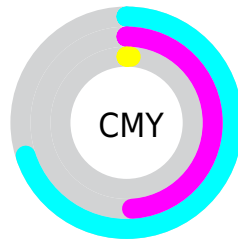
- Red (30%)
- Green (51%)
- Blue (99%)



- Red (30%)
- Yellow (46%)
- Blue (99%)



- Cyan (70%)
- Magenta (48%)
- Yellow (0%)
- Black (1%)



- Cyan (70%)
- Magenta (49%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6675, 24.7974, 95.3709 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 28.6675, 24.7974, 95.3709 by changing the saturation by 10% instead.

■ 28.6675, 24.7974,
95.3709

■ 28.6675, 24.7974,
95.3709

287.6655,
276.8275, 566.3663

■ 18.9724, 15.9262,
71.8451

■ 56.9496, 51.3284,
156.7769

■ 11.7543, 9.4719,
52.5461

■ 76.2674, 69.7569,
195.4942

■ 6.6476, 5.0503,
37.0553

■ 99.5234, 92.1400,
240.1124

■ 3.2871, 2.2768,
24.9542

■ 127.0831,
118.8620, 291.0501

■ 1.3073, 0.7614,
15.8242

159.3118,
150.3074, 348.7258

■ 0.1887, 0.0000,
9.2468

196.5749,

■ 0.0000, 0.0000,

186.8605, 413.5581

4.8035

239.2376,
228.9057, 485.9654

■ 0.0000, 0.0000,
2.0757

■ 0.0000, 0.0000,
0.6013

■ 28.6675, 24.7974,
95.3709

■ 28.6675, 24.7974,
95.3709

■ 24.9073, 19.6886,
94.5836

■ 33.6026, 31.0898,
96.3259

■ 22.2017, 15.6724,
93.9510

■ 39.8091, 38.6418,
97.4565

■ 20.3736, 12.6262,
93.4593

■ 47.3763, 47.5247,
98.7722

■ 20.3480, 12.5828,
93.4523

■ 56.3845, 57.8034,
100.2814

■ 66.9070, 69.5383,
101.9919

■ 79.0124, 82.7860,
103.9109

■ 92.7646, 97.5998,
106.0455

■ 94.5708, 99.8083,
106.3766

Harmonies

Analogous

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



20.4528, 24.7974, 98.0740



28.6675, 24.7974, 95.3709



37.0756, 24.7974, 69.2091

Triad

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



28.6675, 24.7974, 95.3709



35.6056, 24.7974, 5.6158



11.4066, 24.7974, 18.6878

Complementary

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



28.6675, 24.7974, 95.3709



61.4189, 61.1552, 15.4066

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.



13.8202, 24.7974, 6.7975



28.6675, 24.7974, 95.3709



26.9870, 24.7974, 2.6764

Square

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



28.6675, 24.7974, 95.3709



41.6691, 24.7974, 15.5149



19.1143, 24.7974, 2.9314



11.6569, 24.7974, 43.0921

Rectangle

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



28.6675, 24.7974, 95.3709



41.0948, 24.7974, 47.4730



19.1143, 24.7974, 2.9314



11.9054, 24.7974, 13.4663

Sweetspot

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



28.6686, 24.7981, 95.3716



67.3772, 69.9373, 104.5558



47.7867, 75.1561, 64.3743



13.7593, 14.2345, 22.2723



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.



28.6686, 24.7981, 95.3716



24.2905, 18.3553, 96.8704



26.3740, 15.4043, 93.6793



16.7255, 17.5278, 21.8870



10.7147, 6.7850, 48.7185



1.0827, 0.8090, 4.5423

Inverse Universe

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



46.8272, 27.5048, 24.3139



44.7184, 23.9090, 16.3697



65.5509, 85.3177, 19.8526



17.4680, 17.3145, 19.0541



21.7003, 11.0959, 5.1303



2.0554, 1.0459, 0.7151

Previews

White Background



This preview shows how the XYZ color 28.6675, 24.7974, 95.3709 looks on a white background.

Color Contrast Check

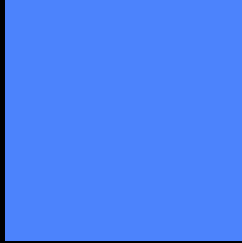
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6675, 24.7974, 95.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

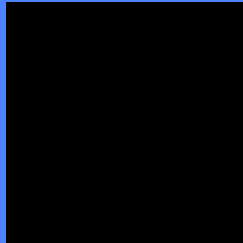
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

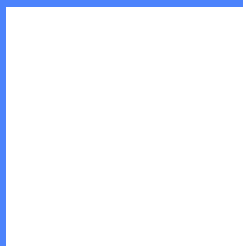
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6675, 24.7974, 95.3709

Background



This preview shows how black text looks on a background with the XYZ color 28.6675, 24.7974, 95.3709.



This preview shows how white text looks on a background with the XYZ color 28.6675, 24.7974,

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

28.6675, 24.7974, 95.3709

Protanopia

28.6534, 24.9721, 96.2384

Deuteranopia

25.4176, 24.7086, 89.0175



Tritanopia

17.5882, 24.7419, 38.0311

Trichromacy



Original Color

28.6675, 24.7974, 95.3709

Protanomaly

28.7285, 25.0108, 96.2419

Deuteranomaly

25.9314, 24.2902, 91.3174

Tritanomaly

20.3025, 24.1335, 55.2179

Monochromacy



Original Color

28.6675, 24.7974, 95.3709

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.6998, 21.9689, 42.6319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6675, 24.7974, 95.3709 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(76, 131, 252)` looks like.

```
.text, #text, p{  
    color:rgb(76, 131, 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(76, 131, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 131, 252) }
```

Border

The CSS property to change the border of an element to XYZ 28.6675, 24.7974, 95.3709 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(76, 131, 252) }
```


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

```
.border{ border-color:rgb(76, 131, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 131, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 131, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 131, 252);  
box-shadow:4px 4px 4px 4px rgb(76, 131,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6675, 24.7974, 95.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 131, 252) }
```

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

```
.background{ background-color: rgb(76, 131,  
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](#).

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