

Converting Colors

XYZ(28.8060, 25.0509, 96.2462)

Have a look what the booklet for
XYZ(28.8060, 25.0509, 96.2462)
contains.

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Color

**XYZ(28.8049, 25.0502,
96.2455)**

Conversions

Conversions Part 1

Format	Color
Hex	4A84FD
RGB	74, 132, 253
RGB Percent	29%, 52%, 99%
CMY	0.7098, 0.4824, 0.0078
CMYK	0.71, 0.48, 0.00, 0.01
HSL	221°, 98%, 64%
HSV	221°, 71%, 99%
XYZ	28.8049, 25.0502, 96.2455
YIQ	128.4520, -73.4090, 25.3350

Conversions

Conversions Part 2

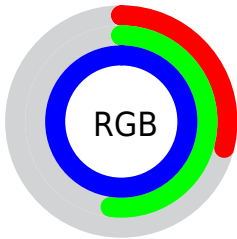
Format	Color
R _Y B	74, 118, 253
Decimal	4883709
CIE Lab	57.12, 20.66, -65.87
CIE LCh	57, 69.030, 287.415
Yxy	25.0502, 0.1919, 0.1669
Android (android.graphics.Color)	4283073789 (0xFF4A84FD)
YUV	128.4520, 61.4022, -47.7544
Hunter-Lab	50.0502, 15.1426, -78.9784

Details

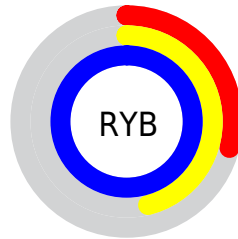
The XYZ color **28.8049, 25.0502, 96.2455** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **61.2624, 60.4128, 14.9126**, and the grayscale version is **20.4877, 21.5547, 23.4731**.

A 20% lighter version of the original color is **46.3458, 47.2518, 101.2856**, and **13.0207, 10.2808, 52.9279** is the 20% darker color. If you saturate the color by 10%, you get **25.1015, 19.9758, 95.4618**, and if you desaturate by 10%, it is **33.6734, 31.2900, 97.1939**.

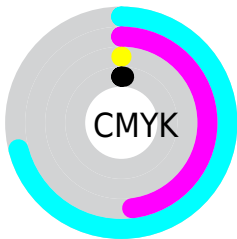
Distribution



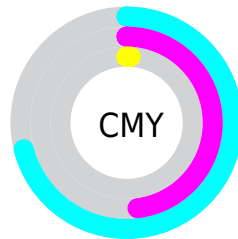
- Red (29%)
- Green (52%)
- Blue (99%)



- Red (29%)
- Yellow (46%)
- Blue (99%)



- Cyan (71%)
- Magenta (48%)
- Yellow (0%)
- Black (1%)



- Cyan (71%)
- Magenta (48%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8049, 25.0502, 96.2455 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 28.8049, 25.0502, 96.2455 by changing the saturation by 10% instead.

■ 28.8049, 25.0502,
96.2455

■ 28.8049, 25.0502,
96.2455

288.3041,
278.0879, 569.2305

■ 19.0768, 16.1145,
72.5694

■ 57.1667, 51.7387,
157.9945

■ 11.8301, 9.6052,
53.1343

■ 76.5311, 70.2602,
196.9046

■ 6.6995, 5.1380,
37.5215

■ 99.8383, 92.7457,
241.7297

■ 3.3195, 2.3284,
25.3126

■ 127.4537,
119.5797, 292.8885

■ 1.3249, 0.7887,
16.0890

159.7426,
151.1465, 350.7994

■ 0.2017, 0.0000,
9.4321

197.0704,

■ 0.0000, 0.0000,

187.8305, 415.8810

4.9234

239.8025,
230.0162, 488.5519

■ 0.0000, 0.0000,
2.1445

■ 0.0000, 0.0000,
0.6420

■ 28.8049, 25.0502,
96.2455

■ 28.8049, 25.0502,
96.2455

■ 25.1015, 19.9758,
95.4618

■ 33.6734, 31.2900,
97.1939

■ 22.4410, 15.9758,
94.8300

■ 39.8046, 38.7706,
98.3147

■ 20.7446, 13.1216,
94.3685

■ 47.2888, 47.5629,
99.6173

■ 56.2068, 57.7310,
101.1099

■ 66.6325, 69.3347,
102.8001

■ 78.6347, 82.4299,
104.6952

■ 92.2776, 97.0695,
106.8018

■ 94.7297, 99.8719,
107.2135

Harmonies

Analogous

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



20.5609, 25.0502, 98.5279



28.8049, 25.0502, 96.2455



37.2844, 25.0502, 70.2118

Triad

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



28.8049, 25.0502, 96.2455



36.0415, 25.0502, 5.7999



11.5728, 25.0502, 18.6317

Complementary

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



28.8049, 25.0502, 96.2455



61.2624, 60.4128, 14.9126

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.



14.0491, 25.0502, 6.8038



28.8049, 25.0502, 96.2455



27.3833, 25.0502, 2.7536

Square

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



28.8049, 25.0502, 96.2455



42.0724, 25.0502, 15.9441



19.4278, 25.0502, 2.9709



11.7849, 25.0502, 43.0011

Rectangle

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



28.8049, 25.0502, 96.2455



41.3708, 25.0502, 48.3538



19.4278, 25.0502, 2.9709



12.0896, 25.0502, 13.4335

Sweetspot

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



28.8060, 25.0509, 96.2462



67.5377, 70.2583, 104.6093



47.6138, 75.5727, 62.7273



13.7970, 14.3100, 22.2849



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.



28.8060, 25.0509, 96.2462



24.2712, 18.4620, 96.8920



25.8700, 14.9247, 94.4464



17.4835, 18.3386, 22.8682



11.1520, 7.2137, 50.2392



1.1802, 0.8910, 4.9231

Inverse Universe

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



47.1227, 27.4479, 24.6444



44.6732, 23.7551, 16.5503



66.8455, 86.4604, 19.6460



18.2519, 18.0841, 19.9438



22.4172, 11.4562, 5.5816



2.2303, 1.1345, 0.7942

Previews

White Background



This preview shows how the XYZ color 28.8049, 25.0502, 96.2455 looks on a white background.

Color Contrast Check

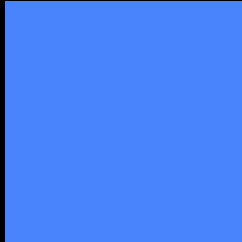
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8049, 25.0502, 96.2455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

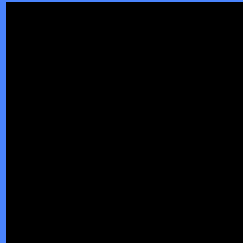
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

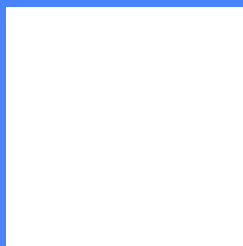
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8049, 25.0502, 96.2455

Background



This preview shows how black text looks on a background with the XYZ color 28.8049, 25.0502, 96.2455.



This preview shows how white text looks on a background with the XYZ color 28.8049, 25.0502,

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

28.8049, 25.0502, 96.2455

Protanopia

28.7285, 25.0108, 96.2419

Tritanopia

17.6775, 24.7776, 38.5012

Trichromacy



Original Color

28.8049, 25.0502, 96.2455

Protanomaly

28.7285, 25.0108, 96.2419

Tritanomaly

20.3891, 24.1651, 55.8143

Monochromacy



Original Color

28.8049, 25.0502, 96.2455

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.5774, 21.9058, 42.6262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8049, 25.0502, 96.2455 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(74, 132, 253)` looks like.

```
.text, #text, p{  
    color:rgb(74, 132, 253)  
}
```

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(74, 132, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 132, 253) }
```

Border

The CSS property to change the border of an element to XYZ 28.8049, 25.0502, 96.2455 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(74, 132, 253) }
```

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

```
.border{ border-color:rgb(74, 132, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 132, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 132, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 132, 253);  
box-shadow:4px 4px 4px 4px rgb(74, 132,  
253) }
```


Background

The CSS property to change the background color of an element to XYZ 28.8049, 25.0502, 96.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 132, 253) }
```

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

```
.background{ background-color: rgb(74, 132,  
253) }
```

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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