

Converting Colors

XYZ(28.5749, 28.8497, 76.7355)

Have a look what the booklet for
XYZ(28.5749, 28.8497, 76.7355)
contains.

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Color

**XYZ(28.5749, 28.8497,
76.7355)**

Conversions

Conversions Part 1

Format	Color
Hex	5994E3
RGB	89, 148, 227
RGB Percent	35%, 58%, 89%
CMY	0.6509, 0.4196, 0.1098
CMYK	0.61, 0.35, 0.00, 0.11
HSL	214°, 71%, 62%
HSV	214°, 61%, 89%
XYZ	28.5749, 28.8497, 76.7355
YIQ	139.3650, -60.5230, 12.0610

Conversions

Conversions Part 2

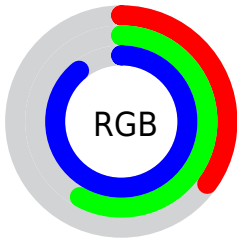
Format	Color
R _Y B	89, 130, 227
Decimal	5870819
CIE Lab	60.65, 4.57, -45.83
CIE LCh	61, 46.056, 275.697
Yxy	28.8497, 0.2130, 0.2150
Android (android.graphics.Color)	4284060899 (0xFF5994E3)
YUV	139.3650, 43.2041, -44.1701
Hunter-Lab	53.7119, 0.9667, -47.1063

Details

The XYZ color **28.5749, 28.8497, 76.7355** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **47.4863, 45.0603, 15.6477**, and the grayscale version is **24.5378, 25.8157, 28.1132**.

A 20% lighter version of the original color is **51.5650, 55.8506, 102.6702**, and **11.7184, 11.6756, 40.1641** is the 20% darker color. If you saturate the color by 10%, you get **24.7976, 24.0447, 76.0077**, and if you desaturate by 10%, it is **33.2546, 34.4605, 77.5724**.

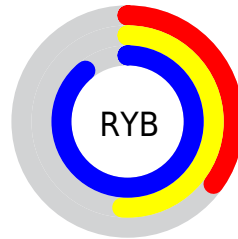
Distribution



Red (35%)

Green (58%)

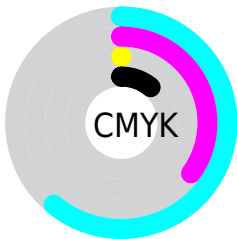
Blue (89%)



Red (35%)

Yellow (51%)

Blue (89%)

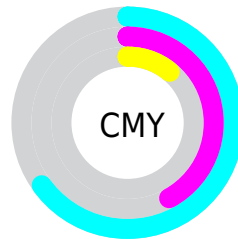


Cyan (61%)

Magenta (35%)

Yellow (0%)

Black (11%)



Cyan (65%)

Magenta (42%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5749, 28.8497, 76.7355 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 28.5749, 28.8497, 76.7355 by changing the saturation by 10% instead.

■ 28.5749, 28.8497,
76.7355

■ 28.5749, 28.8497,
76.7355

287.2344,
296.5051, 503.2754

■ 18.9021, 18.9672,
56.5255

■ 56.8032, 57.8382,
130.5356

■ 11.7032, 11.6465,
40.2176

■ 76.0895, 77.7129,
164.9629

■ 6.6127, 6.5035,
27.3932

■ 99.3111, 101.6872,
204.9664

■ 3.2652, 3.1536,
17.6337

■ 126.8332,
130.1454, 250.9646

■ 1.2955, 1.2124,
10.5206

159.0212,
163.4719, 303.3760

■ 0.1799, 0.0718,
5.6354

196.2405,

■ 0.0000, 0.0000,

202.0511, 362.6193

2.5595

238.8565,
246.2674, 429.1129

■ 0.0000, 0.0000,
0.8714

■ 0.0000, 0.0000,
0.0000

■ 28.5749, 28.8497,
76.7355

■ 28.5749, 28.8497,
76.7355

■ 24.7976, 24.0447,
76.0077

■ 33.2546, 34.4605,
77.5724

■ 21.8480, 19.9946,
75.3814

■ 38.8966, 40.9173,
78.5214

■ 19.6428, 16.6450,
74.8511

■ 45.5588, 48.2607,
79.5877

■ 18.1442, 14.1039,
74.4396

■ 53.2935, 56.5274,
80.7756

■ 62.1492, 65.7517,
82.0893

■ 72.1711, 75.9661,
83.5327

■ 83.4020, 87.2014,
85.1094

■ 89.9049, 96.4054,
86.5432

■ 90.8652, 98.3261,
86.8633

Harmonies

Analogous

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



22.9667, 28.8497, 71.8577



28.5749, 28.8497, 76.7355



34.6711, 28.8497, 66.3452

Triad

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



28.5749, 28.8497, 76.7355



37.8279, 28.8497, 15.8819



18.2411, 28.8497, 19.7417

Complementary

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



28.5749, 28.8497, 76.7355



47.4863, 45.0603, 15.6477

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.



21.2590, 28.8497, 11.5773



28.5749, 28.8497, 76.7355



32.4164, 28.8497, 9.9811

Square

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



28.5749, 28.8497, 76.7355



40.4878, 28.8497, 28.2639



26.2982, 28.8497, 8.7553



17.5195, 28.8497, 34.7865

Rectangle

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



28.5749, 28.8497, 76.7355



38.0265, 28.8497, 53.7948



26.2982, 28.8497, 8.7553



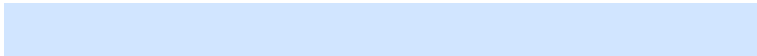
18.9968, 28.8497, 16.3007

Sweetspot

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



28.5760, 28.8507, 76.7362



72.3155, 76.6753, 105.5961



38.5838, 59.8604, 46.1788



14.7911, 15.6890, 22.4986



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.



28.5760, 28.8507, 76.7362



31.1513, 29.7952, 98.7169



22.4977, 15.3004, 74.4411



14.0869, 14.8952, 18.2769



10.6921, 8.4463, 43.4499



0.8807, 0.8053, 3.2410

Inverse Universe

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



40.5973, 25.6153, 30.8222



48.7384, 27.6496, 30.9645



58.1268, 70.5348, 20.0039



14.6314, 14.4698, 16.2596



19.7904, 10.0504, 7.7912



1.5082, 0.7610, 0.8165

Previews

White Background



This preview shows how the XYZ color 28.5749, 28.8497, 76.7355 looks on a white background.

Color Contrast Check

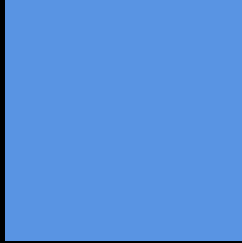
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5749, 28.8497, 76.7355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

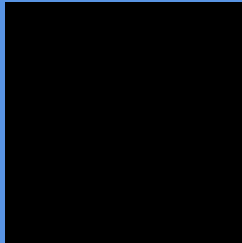
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5749, 28.8497, 76.7355

Background



This preview shows how black text looks on a background with the XYZ color 28.5749, 28.8497, 76.7355.



This preview shows how white text looks on a background with the XYZ color 28.5749, 28.8497,

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

28.5749, 28.8497, 76.7355

Protanopia

30.4779, 28.7545, 73.7559

Deuteranopia

29.6085, 28.6770, 77.3735



Tritanopia

21.8944, 28.8316, 43.4408

Trichromacy



Original Color

28.5749, 28.8497, 76.7355

Protanomaly

29.6433, 28.7584, 74.5096

Deuteranomaly

29.2122, 28.7006, 77.3989

Tritanomaly

23.9083, 28.6262, 54.1345

Monochromacy



Original Color

28.5749, 28.8497, 76.7355

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.9088, 26.3512, 42.3015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5749, 28.8497, 76.7355 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(89, 148, 227)` looks like.

```
.text, #text, p{  
    color:rgb(89, 148, 227)  
}
```

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(89, 148, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 148, 227) }
```

Border

The CSS property to change the border of an element to XYZ 28.5749, 28.8497, 76.7355 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(89, 148, 227) }
```


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

```
.border{ border-color:rgb(89, 148, 227) }
```

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

Here you see how a box with a 4 pixel rgb(89, 148, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 148, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 148, 227);  
box-shadow:4px 4px 4px 4px rgb(89, 148,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5749, 28.8497, 76.7355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 148, 227) }
```

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

```
.background{ background-color: rgb(89, 148,  
227) }
```

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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