

Converting Colors

XYZ(28.5850, 26.8435, 61.4345)

Have a look what the booklet for
XYZ(28.5850, 26.8435, 61.4345)
contains.

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Color

**XYZ(28.5693, 26.7347,
61.4122)**

Conversions

Conversions Part 1

Format	Color
Hex	7E89CD
RGB	126, 137, 205
RGB Percent	49%, 54%, 80%
CMY	0.5059, 0.4627, 0.1961
CMYK	0.39, 0.33, 0.00, 0.20
HSL	232°, 44%, 65%
HSV	232°, 39%, 80%
XYZ	28.5693, 26.7347, 61.4122
YIQ	141.4630, -28.3840, 18.8160

Conversions

Conversions Part 2

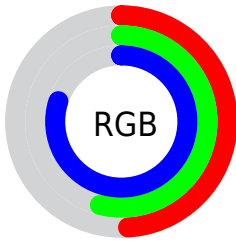
Format	Color
R _Y B	126, 136, 205
Decimal	8292813
CIE Lab	58.73, 12.83, -36.40
CIE LCh	59, 38.598, 289.413
Yxy	26.7347, 0.2448, 0.2291
Android (android.graphics.Color)	4286482893 (0xFF7E89CD)
YUV	141.4630, 31.3237, -13.5611
Hunter-Lab	51.7056, 8.1432, -34.2265

Details

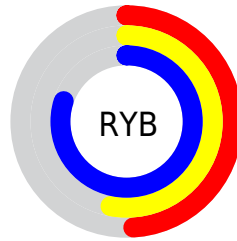
The XYZ color **28.5693, 26.7347, 61.4122** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.2355, 53.0702, 27.4412**, and the grayscale version is **25.3887, 26.7109, 29.0882**.

A 20% lighter version of the original color is **55.5195, 53.8707, 102.0796**, and **11.6609, 10.4349, 30.2537** is the 20% darker color. If you saturate the color by 10%, you get **23.5439, 20.7203, 60.5167**, and if you desaturate by 10%, it is **34.6262, 33.8908, 62.4747**.

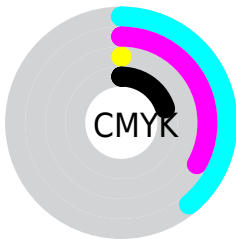
Distribution



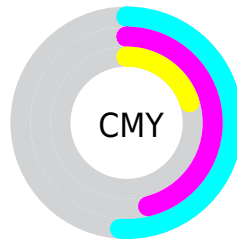
- Red (49%)
- Green (54%)
- Blue (80%)



- Red (49%)
- Yellow (53%)
- Blue (80%)



- Cyan (39%)
- Magenta (33%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (46%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5693, 26.7347, 61.4122 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 28.5693, 26.7347, 61.4122 by changing the saturation by 10% instead.

■ 28.5693, 26.7347,
61.4122

■ 28.5693, 26.7347,
61.4122

287.2083,
286.3703, 447.7321

■ 18.8979, 17.3741,
44.1252

■ 56.7944, 54.4579,
108.4389

■ 11.7001, 10.5016,
30.4310

■ 76.0788, 73.5892,
139.0156

■ 6.6105, 5.7328,
19.9112

■ 99.2982, 96.7462,
174.8594

■ 3.2639, 2.6833,
12.1470

126.8180,
124.3133, 216.3887

■ 1.2948, 0.9687,
6.7201

159.0036,
156.6748, 264.0221

■ 0.1793, 0.0000,
3.2119

196.2203,

■ 0.0000, 0.0000,

194.2152, 318.1781

1.2038

238.8334,
237.3189, 379.2752

■ 0.0000, 0.0000,
0.0000

■ 28.5693, 26.7347,
61.4122

■ 28.5693, 26.7347,
61.4122

■ 23.5439, 20.7203,
60.5167

■ 34.6262, 33.8908,
62.4747

■ 19.4891, 15.7852,
59.7778

■ 41.7652, 42.2408,
63.7102

■ 16.3421, 11.8655,
59.1871

■ 50.0370, 51.8372,
65.1265

■ 14.0312, 8.8889,
58.7344

■ 59.4881, 62.7283,
66.7306

■ 12.4734, 6.7737,
58.4082

■ 70.1625, 74.9601,
68.5289

■ 11.5505, 5.4138,
58.1943

■ 82.1019, 88.5762,
70.5278

■ 11.4478, 5.2643,
58.1709

■ 88.0195, 97.1878,
71.8781

Harmonies

Analogous

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



23.7689, 26.7347, 63.1423



28.5693, 26.7347, 61.4122



32.9982, 26.7347, 49.6634

Triad

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



28.5693, 26.7347, 61.4122



31.8291, 26.7347, 13.4190



17.4473, 26.7347, 24.5626

Complementary

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



28.5693, 26.7347, 61.4122



48.2355, 53.0702, 27.4412

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.



19.0854, 26.7347, 15.1906



28.5693, 26.7347, 61.4122



27.1261, 26.7347, 10.2227

Square

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



28.5693, 26.7347, 61.4122



35.0365, 26.7347, 21.2511



22.4936, 26.7347, 10.7502



17.7320, 26.7347, 38.6997

Rectangle

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



28.5693, 26.7347, 61.4122



34.9573, 26.7347, 39.3118



22.4936, 26.7347, 10.7502



17.7824, 26.7347, 20.8453

Sweetspot

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



28.5703, 26.7357, 61.4128



76.8400, 78.9822, 105.8029



40.0788, 51.9560, 58.4567



16.0595, 16.4562, 22.5799



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.



28.5703, 26.7357, 61.4128



40.0425, 35.7194, 99.3918



31.7413, 26.1664, 61.1358



10.7257, 11.0917, 14.1460



7.1680, 3.3599, 36.2270



0.4117, 0.2572, 1.8829

Inverse Universe

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



37.1539, 29.7081, 27.4438



56.1209, 41.6851, 35.6738



43.8094, 54.5580, 27.9616



11.2749, 11.2387, 11.9822



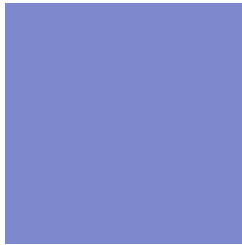
15.8290, 8.1422, 1.5520



0.8378, 0.4285, 0.1915

Previews

White Background



This preview shows how the XYZ color 28.5693, 26.7347, 61.4122 looks on a white background.

Color Contrast Check

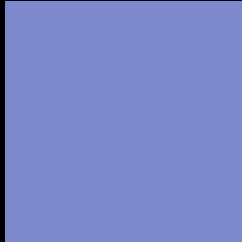
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5693, 26.7347, 61.4122 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 28.5693, 26.7347, 61.4122

Background



This preview shows how black text looks on a background with the XYZ color 28.5693, 26.7347, 61.4122.

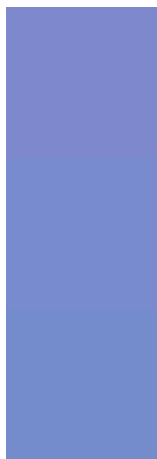


This preview shows how white text looks on a background with the XYZ color 28.5693, 26.7347,

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

28.5693, 26.7347, 61.4122

Protanopia

27.9809, 26.8434, 62.0991

Deuteranopia

27.4796, 26.8288, 60.8569



Tritanopia

23.5207, 26.6712, 36.2561

Trichromacy



Original Color

28.5693, 26.7347, 61.4122

Protanomaly

28.2551, 26.7708, 62.0706

Deuteranomaly

27.8774, 26.8179, 60.8338

Tritanomaly

25.1681, 26.6620, 44.3772

Monochromacy



Original Color

28.5693, 26.7347, 61.4122

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.2323, 26.6707, 38.8873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5693, 26.7347, 61.4122 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(126, 137, 205)` looks like.

```
.text, #text, p{  
    color:rgb(126, 137, 205)  
}
```

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(126, 137, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 137, 205) }
```

Border

The CSS property to change the border of an element to XYZ 28.5693, 26.7347, 61.4122 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(126, 137, 205) }
```


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

```
.border{ border-color:rgb(126, 137, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 137, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 137, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 137, 205);  
box-shadow:4px 4px 4px 4px rgb(126, 137,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5693, 26.7347, 61.4122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 137, 205) }
```

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

```
.background{ background-color: rgb(126,  
137, 205) }
```

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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