

Converting Colors

XYZ(28.2189, 27.2178, 73.7147)

Have a look what the booklet for
XYZ(28.2189, 27.2178, 73.7147)
contains.

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Color

**XYZ(28.0997, 27.0868,
73.5593)**

Conversions

Conversions Part 1

Format	Color
Hex	648DDF
RGB	100, 141, 223
RGB Percent	39%, 55%, 87%
CMY	0.6078, 0.4471, 0.1255
CMYK	0.55, 0.37, 0.00, 0.13
HSL	220°, 66%, 63%
HSV	220°, 55%, 87%
XYZ	28.0997, 27.0868, 73.5593
YIQ	138.0890, -50.7580, 16.8100

Conversions

Conversions Part 2

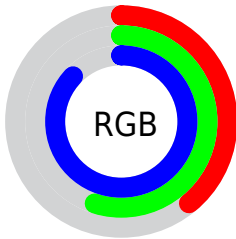
Format	Color
RYB	100, 131, 223
Decimal	6589919
CIELab	59.05, 9.58, -46.09
CIELCh	59, 47.071, 281.738
Yxy	27.0868, 0.2183, 0.2104
Android (android.graphics.Color)	4284779999 (0xFF648DDF)
YUV	138.0890, 41.8611, -33.4041
Hunter-Lab	52.0450, 5.2955, -47.3678

Details

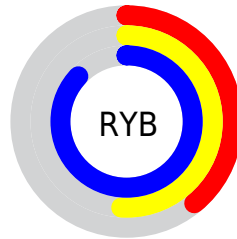
The XYZ color **28.0997, 27.0868, 73.5593** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **49.4612, 50.0662, 19.1150**, and the grayscale version is **24.0517, 25.3042, 27.5563**.

A 20% lighter version of the original color is **51.4423, 53.0727, 102.1405**, and **11.3758, 10.6123, 38.0080** is the 20% darker color. If you saturate the color by 10%, you get **23.9153, 21.8912, 72.7776**, and if you desaturate by 10%, it is **33.2553, 33.2207, 74.4721**.

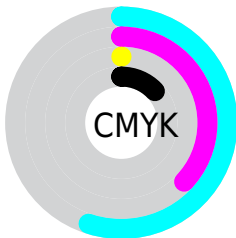
Distribution



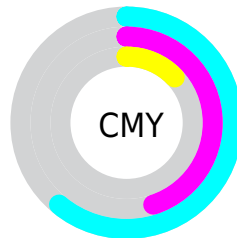
- Red (39%)
- Green (55%)
- Blue (87%)



- Red (39%)
- Yellow (51%)
- Blue (87%)



- Cyan (55%)
- Magenta (37%)
- Yellow (0%)
- Black (13%)



- Cyan (61%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0997, 27.0868, 73.5593 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 28.0997, 27.0868, 73.5593 by changing the saturation by 10% instead.

■ 28.0997, 27.0868,
73.5593

■ 28.0997, 27.0868,
73.5593

285.0145,
288.0771, 492.0736

■ 18.5417, 17.6384,
53.9388

■ 56.0511, 55.0231,
125.9992

■ 11.4416, 10.6907,
38.1599

■ 75.1752, 74.2799,
159.6556

■ 6.4342, 5.8593,
25.8040

■ 98.2187, 97.5748,
198.8278

■ 3.1540, 2.7597,
16.4526

■ 125.5469,
125.2924, 243.9342

■ 1.2357, 1.0076,
9.6872

157.5252,
157.8171, 295.3935

■ 0.1343, 0.0000,
5.0892

194.5190,

■ 0.0000, 0.0000,

195.5332, 353.6241

2.2400

236.8937,
238.8250, 419.0447

■ 0.0000, 0.0000,
0.6973

■ 0.0000, 0.0000,
0.0000

■ 28.0997, 27.0868,
73.5593

■ 28.0997, 27.0868,
73.5593

■ 23.9153, 21.8912,
72.7776

■ 33.2553, 33.2207,
74.4721

■ 20.6309, 17.5788,
72.1183

■ 39.4403, 40.3380,
75.5199

■ 18.1695, 14.0918,
71.5750

■ 46.7114, 48.4840,
76.7090

■ 16.4371, 11.3620,
71.1394

■ 55.1203, 57.6998,
78.0446

■ 15.7902, 10.2694,
70.9625

■ 64.7152, 68.0246,
79.5318

■ 75.5414, 79.4952,
81.1752

■ 87.2336, 91.9361,
82.9603

■ 90.3194, 98.1078,
83.9889

Harmonies

Analogous

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



22.3818, 27.0868, 71.8295



28.0997, 27.0868, 73.5593



33.9746, 27.0868, 60.6174

Triad

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



28.0997, 27.0868, 73.5593



35.0743, 27.0868, 12.8367



16.4800, 27.0868, 20.5134

Complementary

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



28.0997, 27.0868, 73.5593



49.4612, 50.0662, 19.1150

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.



18.9651, 27.0868, 11.4059



28.0997, 27.0868, 73.5593



29.4297, 27.0868, 8.2715

Square

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



28.0997, 27.0868, 73.5593



38.3899, 27.0868, 23.4181



23.5260, 27.0868, 7.8719



16.2353, 27.0868, 36.5368

Rectangle

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



28.0997, 27.0868, 73.5593



36.9661, 27.0868, 47.5080



23.5260, 27.0868, 7.8719



17.0613, 27.0868, 16.7275

Sweetspot

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



28.1007, 27.0877, 73.5600



72.3239, 75.6117, 105.3904



40.0878, 58.8629, 53.5062



14.9729, 15.6301, 22.4777



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.



28.1007, 27.0877, 73.5600



31.7445, 28.8158, 98.4966



25.6931, 18.4725, 72.0240



13.3235, 13.9860, 17.3850



9.3774, 6.2243, 41.7555



0.7303, 0.5921, 2.9210

Inverse Universe

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



39.7973, 26.7267, 28.2613



49.5665, 30.0049, 29.0850



53.1815, 66.3226, 22.0567



13.8947, 13.7755, 15.2158



18.6735, 9.5364, 4.9463



1.3349, 0.6772, 0.5564

Previews

White Background



This preview shows how the XYZ color 28.0997, 27.0868, 73.5593 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 28.0997, 27.0868, 73.5593 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 28.0997, 27.0868, 73.5593

Background



This preview shows how black text looks on a background with the XYZ color 28.0997, 27.0868, 73.5593.



This preview shows how white text looks on a background with the XYZ color 28.0997, 27.0868,

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

28.0997, 27.0868, 73.5593

Protanopia

28.8393, 27.0652, 72.1107

Deuteranopia

27.9220, 27.2151, 73.5934



Tritanopia

21.3246, 27.1188, 39.7078

Trichromacy



Original Color

28.0997, 27.0868, 73.5593

Protanomaly

28.6263, 27.1559, 72.8401

Deuteranomaly

28.0293, 27.2704, 73.5984

Tritanomaly

23.4481, 27.0185, 50.4336

Monochromacy



Original Color

28.0997, 27.0868, 73.5593

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.7062, 25.6149, 41.1781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0997, 27.0868, 73.5593 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(100, 141, 223)` looks like.

```
.text, #text, p{  
    color:rgb(100, 141, 223)  
}
```

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(100, 141, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 141, 223) }
```

Border

The CSS property to change the border of an element to XYZ 28.0997, 27.0868, 73.5593 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(100, 141, 223) }
```


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

```
.border{ border-color:rgb(100, 141, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 141, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 141, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 141, 223);  
box-shadow:4px 4px 4px 4px rgb(100, 141,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0997, 27.0868, 73.5593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 141, 223) }
```

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

```
.background{ background-color: rgb(100,  
141, 223) }
```

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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