

Converting Colors

XYZ(28.4092, 27.4349, 75.0323)

Have a look what the booklet for
XYZ(28.4092, 27.4349, 75.0323)
contains.

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Color

**XYZ(28.4092, 27.4349,
75.0323)**

Conversions

Conversions Part 1

Format	Color
Hex	638EE1
RGB	99, 142, 225
RGB Percent	39%, 56%, 88%
CMY	0.6117, 0.4431, 0.1176
CMYK	0.56, 0.37, 0.00, 0.12
HSL	220°, 68%, 64%
HSV	220°, 56%, 88%
XYZ	28.4092, 27.4349, 75.0323
YIQ	138.6050, -52.2710, 16.6970

Conversions

Conversions Part 2

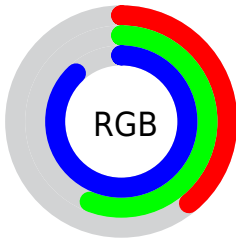
Format	Color
R _Y B	99, 131, 225
Decimal	6524641
CIE Lab	59.37, 9.41, -46.70
CIE LCh	59, 47.638, 281.398
Yxy	27.4349, 0.2171, 0.2096
Android (android.graphics.Color)	4284714721 (0xFF638EE1)
YUV	138.6050, 42.5927, -34.7336
Hunter-Lab	52.3783, 5.1536, -48.2685

Details

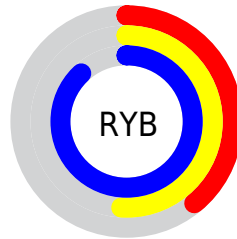
The XYZ color **28.4092, 27.4349, 75.0323** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **50.0330, 50.3666, 18.8906**, and the grayscale version is **24.2461, 25.5088, 27.7791**.

A 20% lighter version of the original color is **51.4697, 53.4183, 102.2058**, and **11.5537, 10.8102, 39.0137** is the 20% darker color. If you saturate the color by 10%, you get **24.2242, 22.2189, 74.2466**, and if you desaturate by 10%, it is **33.5742, 33.5923, 75.9491**.

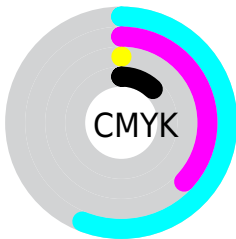
Distribution



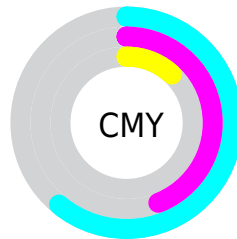
- Red (39%)
- Green (56%)
- Blue (88%)



- Red (39%)
- Yellow (51%)
- Blue (88%)



- Cyan (56%)
- Magenta (37%)
- Yellow (0%)
- Black (12%)



- Cyan (61%)
- Magenta (44%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4092, 27.4349, 75.0323 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 28.4092, 27.4349, 75.0323 by changing the saturation by 10% instead.

■ 28.4092, 27.4349,
75.0323

■ 28.4092, 27.4349,
75.0323

286.4618,
289.7567, 497.2870

■ 18.7764, 17.9001,
55.1375

■ 56.5412, 55.5810,
128.1056

■ 11.6118, 10.8783,
39.1124

■ 75.7710, 74.9610,
162.1211

■ 6.5503, 5.9851,
26.5387

■ 98.9306, 98.3916,
201.6807

■ 3.2263, 2.8360,
16.9977

■ 126.3853,
126.2572, 247.2027

■ 1.2745, 1.0467,
10.0709

158.5004,
158.9421, 299.1058

■ 0.1640, 0.0000,
5.3398

195.6413,

■ 0.0000, 0.0000,

196.8307, 357.8086

2.3858

238.1733,
240.3074, 423.7294

■ 0.0000, 0.0000,
0.7787

■ 0.0000, 0.0000,
0.0000

■ 28.4092, 27.4349,
75.0323

■ 28.4092, 27.4349,
75.0323

■ 24.2242, 22.2189,
74.2466

■ 33.5742, 33.5923,
75.9491

■ 20.9461, 17.8882,
73.5835

■ 39.7786, 40.7365,
77.0011

■ 18.4955, 14.3843,
73.0364

■ 47.0806, 48.9133,
78.1945

■ 16.7749, 11.6373,
72.5968

■ 55.5328, 58.1644,
79.5347

■ 16.2293, 10.7135,
72.4473

■ 65.1845, 68.5290,
81.0265

■ 76.0819, 80.0444,
82.6749

■ 87.7121, 92.4591,
84.4582

■ 90.5907, 98.2163,
85.4177

Harmonies

Analogous

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



22.5855, 27.4349, 73.0755



28.4092, 27.4349, 75.0323



34.4206, 27.4349, 61.9113

Triad

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



28.4092, 27.4349, 75.0323



35.6615, 27.4349, 12.9888



16.6456, 27.4349, 20.5705

Complementary

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



28.4092, 27.4349, 75.0323



50.0330, 50.3666, 18.8906

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.



19.2025, 27.4349, 11.3846



28.4092, 27.4349, 75.0323



29.9088, 27.4349, 8.3017

Square

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



28.4092, 27.4349, 75.0323



39.0139, 27.4349, 23.8389



23.8743, 27.4349, 7.8550



16.3706, 27.4349, 36.8456

Rectangle

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



28.4092, 27.4349, 75.0323



37.4988, 27.4349, 48.5193



23.8743, 27.4349, 7.8550



17.2462, 27.4349, 16.7440

Sweetspot

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



28.4103, 27.4358, 75.0330



72.4176, 75.7992, 105.4216



40.4022, 59.8360, 53.0838



14.9949, 15.6741, 22.4850



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.



28.4103, 27.4358, 75.0330



31.4601, 28.5927, 98.4686



25.5115, 18.2061, 73.4042



13.3325, 14.0041, 17.3880



9.4496, 6.3688, 41.7796



0.7361, 0.6037, 2.9230

Inverse Universe

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



40.3966, 26.8856, 28.6522



49.3385, 29.5906, 28.8808



54.6597, 67.8882, 22.0288



13.8993, 13.7774, 15.2399



18.7099, 9.5510, 5.1383



1.3378, 0.6784, 0.5718

Previews

White Background



This preview shows how the XYZ color 28.4092, 27.4349, 75.0323 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 28.4092, 27.4349, 75.0323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

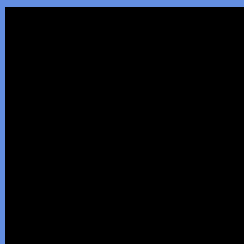
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

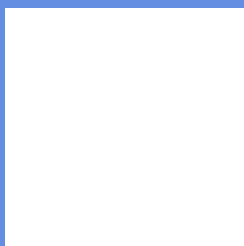
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4092, 27.4349, 75.0323

Background



This preview shows how black text looks on a background with the XYZ color 28.4092, 27.4349, 75.0323.

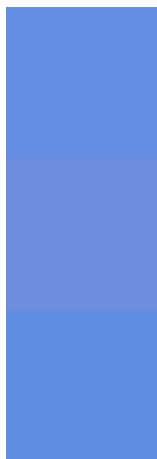


This preview shows how white text looks on a background with the XYZ color 28.4092, 27.4349,

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

28.4092, 27.4349, 75.0323

Protanopia

29.2529, 27.4634, 73.5712

Deuteranopia

28.1934, 27.3236, 75.0222



Tritanopia

21.5912, 27.4790, 40.7252

Trichromacy



Original Color

28.4092, 27.4349, 75.0323

Protanomaly

29.0428, 27.5574, 74.3094

Deuteranomaly

28.3006, 27.3789, 75.0272

Tritanomaly

23.7298, 27.3748, 51.6101

Monochromacy



Original Color

28.4092, 27.4349, 75.0323

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.9460, 25.9435, 41.7230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4092, 27.4349, 75.0323 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(99, 142, 225) looks like.

```
.text, #text, p{  
    color:rgb(99, 142, 225)  
}
```

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(99, 142, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 142, 225) }
```

Border

The CSS property to change the border of an element to XYZ 28.4092, 27.4349, 75.0323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

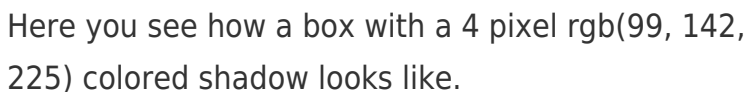
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 142, 225) }
```


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

```
.border{ border-color:rgb(99, 142, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(99, 142, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 142, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 142, 225);  
box-shadow:4px 4px 4px 4px rgb(99, 142,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4092, 27.4349, 75.0323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 142, 225) }
```

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

```
.background{ background-color: rgb(99, 142,  
225) }
```

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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