

Converting Colors

XYZ(28.6657, 32.5408, 69.0601)

Have a look what the booklet for
XYZ(28.6657, 32.5408, 69.0601)
contains.

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Color

**XYZ(28.6657, 32.5408,
69.0601)**

Conversions

Conversions Part 1

Format	Color
Hex	52A2D7
RGB	82, 162, 215
RGB Percent	32%, 64%, 84%
CMY	0.6784, 0.3647, 0.1569
CMYK	0.62, 0.25, 0.00, 0.16
HSL	204°, 62%, 58%
HSV	204°, 62%, 84%
XYZ	28.6657, 32.5408, 69.0601
YIQ	144.1220, -64.6930, -0.4770

Conversions

Conversions Part 2

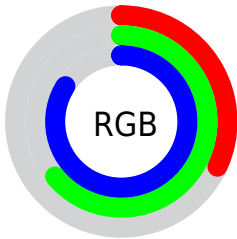
Format	Color
R _Y B	82, 132, 215
Decimal	5415639
CIE Lab	63.79, -8.60, -34.27
CIE LCh	64, 35.337, 255.910
Yxy	32.5408, 0.2201, 0.2498
Android (android.graphics.Color)	4283605719 (0xFF52A2D7)
YUV	144.1220, 34.9429, -54.4810
Hunter-Lab	57.0445, -10.1291, -31.8473

Details

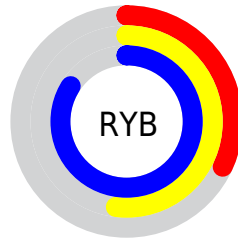
The XYZ color **28.6657, 32.5408, 69.0601** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **38.2125, 32.3858, 12.2210**, and the grayscale version is **26.4419, 27.8189, 30.2948**.

A 20% lighter version of the original color is **54.0182, 62.5965, 103.8430**, and **12.0296, 13.9069, 35.3080** is the 20% darker color. If you saturate the color by 10%, you get **25.6226, 28.8078, 68.5006**, and if you desaturate by 10%, it is **32.3995, 36.7836, 69.6829**.

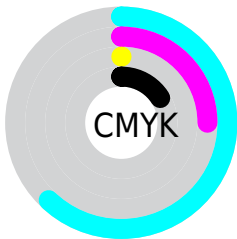
Distribution



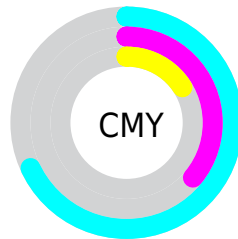
- Red (32%)
- Green (64%)
- Blue (84%)



- Red (32%)
- Yellow (52%)
- Blue (84%)



- Cyan (62%)
- Magenta (25%)
- Yellow (0%)
- Black (16%)



- Cyan (68%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6657, 32.5408, 69.0601 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 28.6657, 32.5408, 69.0601 by changing the saturation by 10% instead.

■ 28.6657, 32.5408,
69.0601

■ 28.6657, 32.5408,
69.0601

287.6571,
313.5755, 475.9426

■ 18.9711, 21.7749,
50.2886

■ 56.9468, 63.6579,
119.5359

■ 11.7533, 13.6916,
35.2700

■ 76.2639, 84.7780,
152.0773

■ 6.6469, 7.9065,
23.5857

■ 99.5193, 110.1182,
190.0458

■ 3.2866, 4.0352,
14.8172

■ 127.0783,
140.0629, 233.8598

■ 1.3071, 1.6933,
8.5460

159.3062,
174.9966, 283.9380

■ 0.1885, 0.4193,
4.3535

196.5684,

■ 0.0000, 0.0000,

215.3037, 340.6988

1.8212

239.2302,
261.3685, 404.5608

■ 0.0000, 0.0000,
0.4419

■ 0.0000, 0.0000,
0.0000

■ 28.6657, 32.5408,
69.0601

■ 28.6657, 32.5408,
69.0601

■ 25.6226, 28.8078,
68.5006

■ 32.3995, 36.7836,
69.6829

■ 23.2078, 25.5479,
67.9986

■ 36.8720, 41.5624,
70.3696

■ 21.3525, 22.7229,
67.5511

■ 42.1306, 46.9048,
71.1236

■ 20.1587, 20.6920,
67.2221

■ 48.2175, 52.8353,
71.9475

■ 55.1715, 59.3769,
72.8436

■ 63.0292, 66.5509,
73.8142

■ 71.8246, 74.3775,
74.8613

■ 81.5903, 82.8760,
75.9870

■ 84.4054, 87.9654,
76.8210

Harmonies

Analogous

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



24.7585, 32.5408, 58.8834



28.6657, 32.5408, 69.0601



33.6169, 32.5408, 68.7103

Triad

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



28.6657, 32.5408, 69.0601



41.0335, 32.5408, 28.4612



24.5743, 32.5408, 19.6268

Complementary

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



28.6657, 32.5408, 69.0601



38.2125, 32.3858, 12.2210

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.



28.3885, 32.5408, 15.1257



28.6657, 32.5408, 69.0601



38.0481, 32.5408, 19.2159

Square

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



28.6657, 32.5408, 69.0601



41.1282, 32.5408, 42.5027



33.3085, 32.5408, 14.9988



22.5730, 32.5408, 29.1914

Rectangle

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



28.6657, 32.5408, 69.0601



36.8646, 32.5408, 62.4661



33.3085, 32.5408, 14.9988



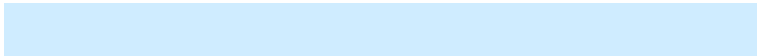
25.6675, 32.5408, 17.5987

Sweetspot

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



28.6668, 32.5420, 69.0609



73.5636, 80.2347, 106.2174



32.0137, 52.0886, 30.5526



15.1433, 16.5997, 22.6559



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.



28.6668, 32.5420, 69.0609



36.5985, 40.9516, 100.5832



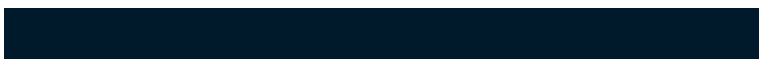
20.0692, 15.3467, 66.1950



12.3577, 13.2388, 15.8415



12.1634, 12.5886, 40.2419



0.8136, 0.9191, 2.4538

Inverse Universe

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



37.5642, 23.0915, 36.6608



51.4239, 28.4788, 45.8613



50.0830, 56.1268, 16.1778



12.7337, 12.5450, 14.5381



19.1984, 9.6157, 13.6146



1.1983, 0.5961, 1.0336

Previews

White Background



This preview shows how the XYZ color 28.6657, 32.5408, 69.0601 looks on a white background.

Color Contrast Check

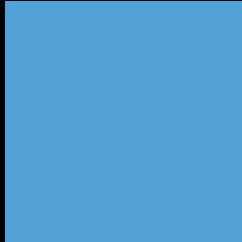
Large Text (above 18pt) WCAG AA × Fail

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 28.6657, 32.5408, 69.0601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

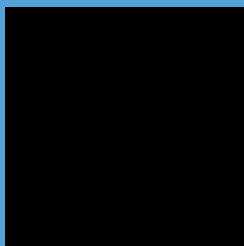
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

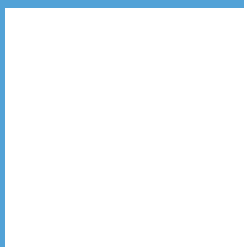
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6657, 32.5408, 69.0601

Background



This preview shows how black text looks on a background with the XYZ color 28.6657, 32.5408, 69.0601.

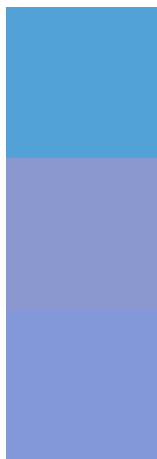


This preview shows how white text looks on a background with the XYZ color 28.6657, 32.5408,

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

28.6657, 32.5408, 69.0601

Protanopia

32.9720, 32.3647, 63.5407

Deuteranopia

33.1127, 32.2915, 70.1333



Tritanopia

24.6929, 32.5409, 49.2355

Trichromacy



Original Color

28.6657, 32.5408, 69.0601

Protanomaly

30.9925, 32.2816, 65.5703

Deuteranomaly

31.0932, 32.2455, 69.5510

Tritanomaly

26.0463, 32.5452, 55.9480

Monochromacy



Original Color

28.6657, 32.5408, 69.0601

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.2075, 29.1004, 42.2659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6657, 32.5408, 69.0601 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(82, 162, 215)` looks like.

```
.text, #text, p{  
    color:rgb(82, 162, 215)  
}
```

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(82, 162, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 162, 215) }
```

Border

The CSS property to change the border of an element to XYZ 28.6657, 32.5408, 69.0601 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(82, 162, 215) }
```


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

```
.border{ border-color:rgb(82, 162, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 162, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 162, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 162, 215);  
box-shadow:4px 4px 4px 4px rgb(82, 162,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6657, 32.5408, 69.0601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 162, 215) }
```

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

```
.background{ background-color: rgb(82, 162,  
215) }
```

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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