

Converting Colors

XYZ(29.3107, 32.6865, 67.1655)

Have a look what the booklet for
XYZ(29.3107, 32.6865, 67.1655)
contains.

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Color

**XYZ(29.2446, 32.6229,
67.0428)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA1D4
RGB	94, 161, 212
RGB Percent	37%, 63%, 83%
CMY	0.6314, 0.3686, 0.1686
CMYK	0.56, 0.24, 0.00, 0.17
HSL	206°, 58%, 60%
HSV	206°, 56%, 83%
XYZ	29.2446, 32.6229, 67.0428
YIQ	146.7810, -56.3030, 1.6570

Conversions

Conversions Part 2

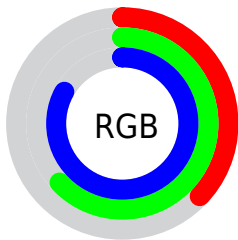
Format	Color
R _Y B	94, 137, 212
Decimal	6201812
CIE Lab	63.85, -6.65, -32.47
CIE LCh	64, 33.142, 258.426
Yxy	32.6229, 0.2269, 0.2531
Android (android.graphics.Color)	4284391892 (0xFF5EA1D4)
YUV	146.7810, 32.1530, -46.2889
Hunter-Lab	57.1165, -8.5588, -29.6126

Details

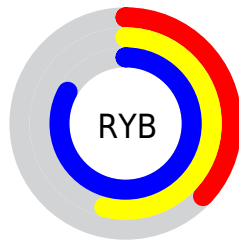
The XYZ color **29.2446, 32.6229, 67.0428** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **39.2982, 35.0574, 15.2865**, and the grayscale version is **27.5320, 28.9658, 31.5438**.

A 20% lighter version of the original color is **55.5548, 63.0071, 103.8413**, and **12.0877, 13.8058, 33.9260** is the 20% darker color. If you saturate the color by 10%, you get **25.8189, 28.5668, 66.4411**, and if you desaturate by 10%, it is **33.3868, 37.2238, 67.7132**.

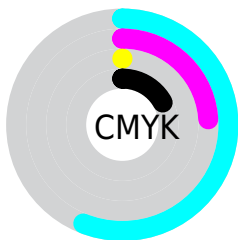
Distribution



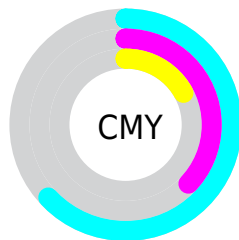
- Red (37%)
- Green (63%)
- Blue (83%)



- Red (37%)
- Yellow (54%)
- Blue (83%)



- Cyan (56%)
- Magenta (24%)
- Yellow (0%)
- Black (17%)



- Cyan (63%)
- Magenta (37%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2446, 32.6229, 67.0428 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 29.2446, 32.6229, 67.0428 by changing the saturation by 10% instead.

■ 29.2446, 32.6229,
67.0428

■ 29.2446, 32.6229,
67.0428

290.3407,
313.9471, 468.6027

■ 19.4111, 21.8377,
48.6576

■ 57.8604, 63.7863,
116.6230

■ 12.0735, 13.7377,
33.9843

■ 77.3734, 84.9334,
148.6550

■ 6.8663, 7.9385,
22.6042

■ 100.8436,
110.3032, 186.0731

■ 3.4242, 4.0556,
14.0990

■ 128.6364,
140.2801, 229.2957

■ 1.3819, 1.7047,
8.0500

161.1172,
175.2485, 278.7415

■ 0.2433, 0.4267,
4.0387

198.6513,

■ 0.0000, 0.0000,

215.5929, 334.8289

1.6466

241.6040,
261.6976, 397.9764

■ 0.0000, 0.0000,
0.3238

■ 0.0000, 0.0000,
0.0000

■ 29.2446, 32.6229,
67.0428

■ 29.2446, 32.6229,
67.0428

■ 25.8189, 28.5668,
66.4411

■ 33.3868, 37.2238,
67.7132

■ 23.0537, 25.0212,
65.9024

■ 38.2891, 42.3937,
68.4527

■ 20.8892, 21.9518,
65.4241

■ 43.9952, 48.1592,
69.2648

■ 19.2507, 19.3164,
65.0017

■ 50.5443, 54.5441,
70.1520

■ 18.6452, 18.2763,
64.8329

■ 57.9732, 61.5705,
71.1167

■ 66.3159, 69.2592,
72.1611

■ 75.6049, 77.6300,
73.2872

■ 82.6335, 85.0330,
74.3457

■ 85.3146, 90.3951,
75.2394

Harmonies

Analogous

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



25.4352, 32.6229, 58.3739



29.2446, 32.6229, 67.0428



33.9252, 32.6229, 65.8381

Triad

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



29.2446, 32.6229, 67.0428



40.3045, 32.6229, 28.0140



24.7776, 32.6229, 21.0731

Complementary

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



29.2446, 32.6229, 67.0428



39.2982, 35.0574, 15.2865

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.



28.2613, 32.6229, 16.3192



29.2446, 32.6229, 67.0428



37.3385, 32.6229, 19.5792

Square

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



29.2446, 32.6229, 67.0428



40.6355, 32.6229, 40.9197



32.8390, 32.6229, 15.8512



23.0341, 32.6229, 30.6189

Rectangle

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



29.2446, 32.6229, 67.0428



36.9136, 32.6229, 59.6442



32.8390, 32.6229, 15.8512



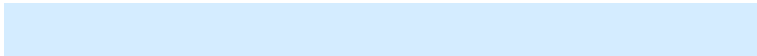
25.7669, 32.6229, 18.9766

Sweetspot

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



29.2457, 32.6241, 67.0436



75.1721, 81.3080, 106.3398



33.1312, 51.4557, 34.2400



15.6437, 16.9716, 22.7013



0.0000, 0.0000, 0.0000



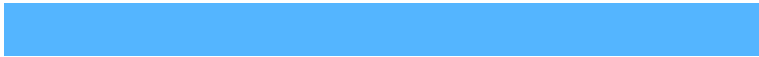
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.2457, 32.6241, 67.0436



38.2755, 42.2236, 100.7404



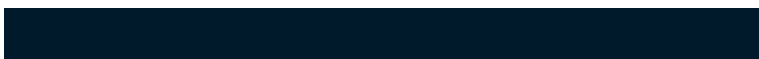
21.4345, 17.0016, 64.4398



12.3219, 13.1672, 15.8296



11.6118, 11.4853, 40.0580



0.7819, 0.8559, 2.4433

Inverse Universe

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



37.5881, 24.5768, 36.4820



52.7786, 30.9666, 46.9963



50.3322, 57.1253, 18.9644



12.7157, 12.5378, 14.4431



18.9199, 9.5043, 12.1484



1.1823, 0.5897, 0.9495

Previews

White Background



This preview shows how the XYZ color 29.2446, 32.6229, 67.0428 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 29.2446, 32.6229, 67.0428 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

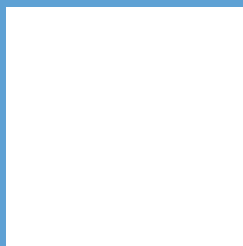
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2446, 32.6229, 67.0428

Background



This preview shows how black text looks on a background with the XYZ color 29.2446, 32.6229, 67.0428.

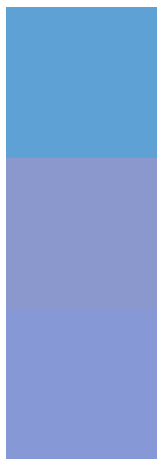


This preview shows how white text looks on a background with the XYZ color 29.2446, 32.6229,

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

29.2446, 32.6229, 67.0428

Protanopia

32.8951, 32.3532, 62.2686

Deuteranopia

33.1974, 32.3798, 68.1186



Tritanopia

25.5366, 32.7266, 48.1510

Trichromacy



Original Color

29.2446, 32.6229, 67.0428

Protanomaly

31.2749, 32.2077, 64.2429

Deuteranomaly

31.3393, 32.1687, 67.5082

Tritanomaly

26.8073, 32.6945, 54.7669

Monochromacy



Original Color

29.2446, 32.6229, 67.0428

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4810, 29.9859, 42.8675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2446, 32.6229, 67.0428 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(94, 161, 212)` looks like.

```
.text, #text, p{  
    color:rgb(94, 161, 212)  
}
```

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(94, 161, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 161, 212) }
```

Border

The CSS property to change the border of an element to XYZ 29.2446, 32.6229, 67.0428 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(94, 161, 212) }
```


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

```
.border{ border-color:rgb(94, 161, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 161, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 161, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 161, 212);  
box-shadow:4px 4px 4px 4px rgb(94, 161,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2446, 32.6229, 67.0428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 161, 212) }
```

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

```
.background{ background-color: rgb(94, 161,  
212) }
```

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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