

Converting Colors

XYZ(28.0650, 32.4437, 59.4267)

Have a look what the booklet for
XYZ(28.0650, 32.4437, 59.4267)
contains.

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Color

**XYZ(28.0650, 32.4437,
59.4267)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA2C8
RGB	95, 162, 200
RGB Percent	37%, 64%, 78%
CMY	0.6274, 0.3647, 0.2157
CMYK	0.52, 0.19, 0.00, 0.22
HSL	202°, 49%, 58%
HSV	202°, 52%, 78%
XYZ	28.0650, 32.4437, 59.4267
YIQ	146.2990, -52.1300, -2.3860

Conversions

Conversions Part 2

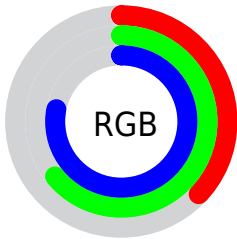
Format	Color
R _Y B	95, 136, 200
Decimal	6267592
CIE Lab	63.71, -10.62, -26.02
CIE LCh	64, 28.101, 247.798
Yxy	32.4437, 0.2340, 0.2705
Android (android.graphics.Color)	4284457672 (0xFF5FA2C8)
YUV	146.2990, 26.4746, -44.9892
Hunter-Lab	56.9594, -11.7284, -21.9867

Details

The XYZ color **28.0650, 32.4437, 59.4267** 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 **34.2735, 29.8819, 14.7891**, and the grayscale version is **27.3553, 28.7799, 31.3414**.

A 20% lighter version of the original color is **55.8117, 63.5211, 103.9269**, and **11.3914, 13.5505, 29.2092** is the 20% darker color. If you saturate the color by 10%, you get **25.0097, 29.0306, 58.9295**, and if you desaturate by 10%, it is **31.7292, 36.2809, 59.9748**.

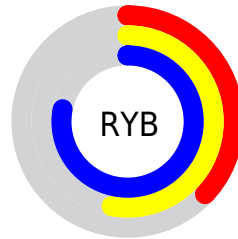
Distribution



Red (37%)

Green (64%)

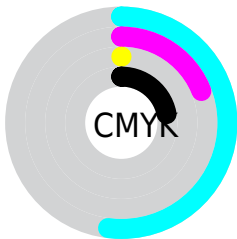
Blue (78%)



Red (37%)

Yellow (53%)

Blue (78%)

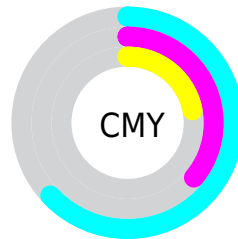


Cyan (52%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (63%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0650, 32.4437, 59.4267 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 28.0650, 32.4437, 59.4267 by changing the saturation by 10% instead.

■ 28.0650, 32.4437,
59.4267

■ 28.0650, 32.4437,
59.4267

284.8518,
313.1355, 440.2272

■ 18.5154, 21.7006,
42.5344

■ 55.9961, 63.5060,
105.5328

■ 11.4225, 13.6371,
29.1913

■ 75.1083, 84.5941,
135.5837

■ 6.4212, 7.8687,
18.9788

■ 98.1387, 109.8992,
170.8579

■ 3.1459, 4.0110,
11.4783

■ 125.4528,
139.8059, 211.7739

■ 1.2314, 1.6797,
6.2713

157.4157,
174.6985, 258.7503

■ 0.1309, 0.4105,
2.9393

194.3930,

■ 0.0000, 0.0000,

214.9613, 312.2057

1.0637

236.7499,
260.9789, 372.5584

■ 0.0000, 0.0000,
0.0000

■ 28.0650, 32.4437,
59.4267

■ 28.0650, 32.4437,
59.4267

■ 25.0097, 29.0306,
58.9295

■ 31.7292, 36.2809,
59.9748

■ 22.5170, 26.0140,
58.4787

■ 36.0374, 40.5603,
60.5738

■ 20.5390, 23.3681,
58.0722

■ 41.0258, 45.3028,
61.2262

■ 19.0169, 21.0605,
57.7070

■ 46.7269, 50.5268,
61.9341

■ 18.0951, 19.5095,
57.4562

■ 53.1709, 56.2496,
62.6991

■ 60.3861, 62.4874,
63.5228

■ 68.3995, 69.2557,
64.4069

■ 77.2344, 76.5681,
65.3527

■ 79.1744, 80.4481,
65.9993

Harmonies

Analogous

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



25.2360, 32.4437, 50.3404



28.0650, 32.4437, 59.4267



31.8748, 32.4437, 61.4382

Triad

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



28.0650, 32.4437, 59.4267



38.9572, 32.4437, 32.4665



26.4280, 32.4437, 20.8202

Complementary

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



28.0650, 32.4437, 59.4267



34.2735, 29.8819, 14.7891

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.



29.8215, 32.4437, 17.9119



28.0650, 32.4437, 59.4267



37.2104, 32.4437, 23.6396

Square

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



28.0650, 32.4437, 59.4267



38.3861, 32.4437, 44.1633



33.7853, 32.4437, 18.8212



24.3484, 32.4437, 27.7535

Rectangle

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



28.0650, 32.4437, 59.4267



34.5017, 32.4437, 58.1712



33.7853, 32.4437, 18.8212



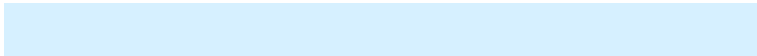
27.4410, 32.4437, 19.4148

Sweetspot

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



28.0661, 32.4449, 59.4275



77.0691, 84.0045, 106.7603



29.5224, 45.4014, 28.9489



16.0536, 17.5754, 22.7962



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.



28.0661, 32.4449, 59.4275



42.6365, 49.4872, 101.9125



20.8030, 17.9187, 57.0065



10.6114, 11.3970, 13.5580



11.5929, 12.5798, 36.5615



0.6159, 0.7296, 1.7535

Inverse Universe

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



34.4342, 23.0736, 36.8224



55.3359, 33.3526, 56.2604



43.0783, 47.4915, 17.7240



10.9139, 10.7489, 12.5299



17.6509, 8.8099, 13.9034



0.8696, 0.4307, 0.8364

Previews

White Background



This preview shows how the XYZ color 28.0650, 32.4437, 59.4267 looks on a white background.

Color Contrast Check

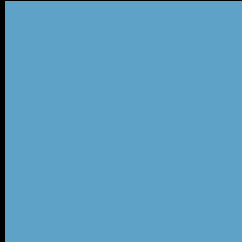
Large Text (above 18pt) WCAG AA × Fail

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 28.0650, 32.4437, 59.4267 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 28.0650, 32.4437, 59.4267

Background



This preview shows how black text looks on a background with the XYZ color 28.0650, 32.4437, 59.4267.

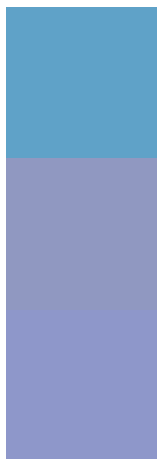


This preview shows how white text looks on a background with the XYZ color 28.0650, 32.4437,

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

28.0650, 32.4437, 59.4267

Protanopia

32.3555, 32.2360, 54.9689

Deuteranopia

32.8826, 32.1483, 60.3493



Tritanopia

25.7974, 32.6018, 47.5809

Trichromacy



Original Color

28.0650, 32.4437, 59.4267

Protanomaly

30.4565, 32.1981, 56.8342

Deuteranomaly

30.7214, 32.0197, 59.8196

Tritanomaly

26.7392, 32.7223, 51.9204

Monochromacy



Original Color

28.0650, 32.4437, 59.4267

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8636, 29.7217, 40.3974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0650, 32.4437, 59.4267 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(95, 162, 200)` looks like.

```
.text, #text, p{  
    color:rgb(95, 162, 200)  
}
```

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(95, 162, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 162, 200) }
```

Border

The CSS property to change the border of an element to XYZ 28.0650, 32.4437, 59.4267 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(95, 162, 200) }
```


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

```
.border{ border-color:rgb(95, 162, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 162, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 162, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 162, 200);  
box-shadow:4px 4px 4px 4px rgb(95, 162,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0650, 32.4437, 59.4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 162, 200) }
```

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

```
.background{ background-color: rgb(95, 162,  
200) }
```

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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