

Converting Colors

XYZ(27.4424, 35.7133, 59.4798)

Have a look what the booklet for
XYZ(27.4424, 35.7133, 59.4798)
contains.

XYZ(27.4424, 35.7133, 59.4798)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.4424, 35.7133,
59.4798)**

Conversions

Conversions Part 1

Format	Color
Hex	3BAFC7
RGB	59, 175, 199
RGB Percent	23%, 69%, 78%
CMY	0.7686, 0.3137, 0.2196
CMYK	0.70, 0.12, 0.00, 0.22
HSL	190°, 56%, 51%
HSV	190°, 70%, 78%
XYZ	27.4424, 35.7133, 59.4798
YIQ	143.0520, -76.8400, -17.1280

Conversions

Conversions Part 2

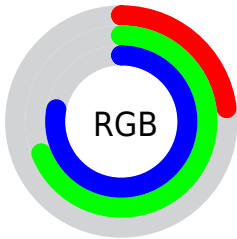
Format	Color
R _Y B	59, 122, 199
Decimal	3911623
CIE Lab	66.30, -24.27, -21.60
CIE LCh	66, 32.490, 221.660
Yxy	35.7133, 0.2238, 0.2912
Android (android.graphics.Color)	4282101703 (0xFF3BAFC7)
YUV	143.0520, 27.5824, -73.7136
Hunter-Lab	59.7606, -22.6129, -17.1790

Details

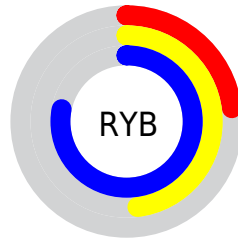
The XYZ color **27.4424, 35.7133, 59.4798** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **27.4369, 18.6457, 6.2917**, and the grayscale version is **26.0460, 27.4024, 29.8412**.

A 20% lighter version of the original color is **54.9381, 68.6569, 104.9643**, and **12.0704, 15.9634, 29.2331** is the 20% darker color. If you saturate the color by 10%, you get **25.8246, 33.9067, 59.2170**, and if you desaturate by 10%, it is **29.5287, 37.7877, 59.7709**.

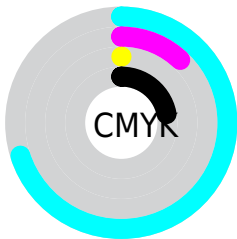
Distribution



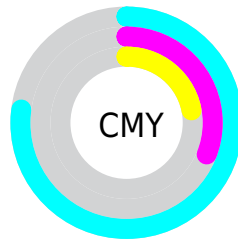
- Red (23%)
- Green (69%)
- Blue (78%)



- Red (23%)
- Yellow (48%)
- Blue (78%)



- Cyan (70%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (77%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4424, 35.7133, 59.4798 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 27.4424, 35.7133, 59.4798 by changing the saturation by 10% instead.

■ 27.4424, 35.7133,
59.4798

■ 27.4424, 35.7133,
59.4798

281.9215,
327.7057, 440.4290

■ 18.0441, 24.2129,
42.5769

■ 55.0079, 68.5893,
105.6107

■ 11.0815, 15.4916,
29.2244

■ 73.9057, 90.7337,
135.6757

■ 6.1894, 9.1651,
19.0036

■ 96.7007, 117.1948,
170.9652

■ 3.0023, 4.8490,
11.4960

■ 123.7583,
148.3571, 211.8978

■ 1.1550, 2.1590,
6.2832

■ 155.4438,
184.6049, 258.8919

■ 0.0704, 0.6975,
2.9465

192.1226,

■ 0.0000, 0.0000,

226.3227, 312.3661

1.0674

234.1601,
273.8948, 372.7389

■ 0.0000, 0.0000,
0.0000

■ 27.4424, 35.7133,
59.4798

■ 27.4424, 35.7133,
59.4798

■ 25.8246, 33.9067,
59.2170

■ 29.5287, 37.7877,
59.7709

■ 24.6174, 32.3358,
58.9775

■ 32.1259, 40.1499,
60.0900

■ 23.7437, 30.9931,
58.7643

■ 35.2753, 42.8220,
60.4398

■ 39.0132, 45.8230,
60.8220

■ 43.3726, 49.1699,
61.2382

■ 48.3839, 52.8787,
61.6900

■ 54.0756, 56.9642,
62.1786

■ 60.4746, 61.4404,
62.7053

■ 67.6060, 66.3205,
63.2714

Harmonies

Analogous

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



25.6051, 35.7133, 44.5377



27.4424, 35.7133, 59.4798



31.0935, 35.7133, 70.1492

Triad

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



27.4424, 35.7133, 59.4798



43.5892, 35.7133, 47.9105



32.0942, 35.7133, 18.1538

Complementary

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



27.4424, 35.7133, 59.4798



27.4369, 18.6457, 6.2917

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.



36.9645, 35.7133, 18.6429



27.4424, 35.7133, 59.4798



43.9223, 35.7133, 33.7334

Square

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



27.4424, 35.7133, 59.4798



40.5290, 35.7133, 62.4496



41.4000, 35.7133, 23.6961



28.1147, 35.7133, 22.1491

Rectangle

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



27.4424, 35.7133, 59.4798



34.2153, 35.7133, 72.1621



41.4000, 35.7133, 23.6961



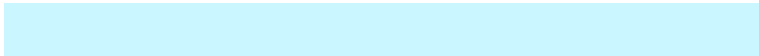
33.6750, 35.7133, 17.8308

Sweetspot

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



27.4435, 35.7146, 59.4807



75.1596, 85.5021, 107.1500



23.7638, 42.3918, 14.9807



15.6119, 17.9397, 22.8898



0.0000, 0.0000, 0.0000



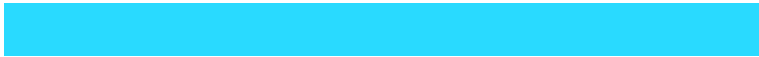
20.3446, 21.4041, 23.3091

Same Dimension

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



27.4435, 35.7146, 59.4807



44.1007, 57.9757, 103.4738



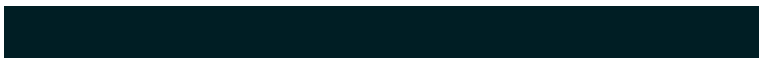
17.2334, 15.2944, 56.0773



10.7860, 11.7462, 13.6162



15.3239, 20.0418, 37.8052



0.7676, 1.0330, 1.8041

Inverse Universe

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



32.8560, 18.3663, 42.3721



54.7177, 27.9087, 69.0252



35.6261, 35.0241, 9.0215



11.0020, 10.7842, 12.9940



19.5342, 9.5632, 23.8205



0.9461, 0.4613, 1.2395

Previews

White Background



This preview shows how the XYZ color 27.4424, 35.7133, 59.4798 looks on a white background.

Color Contrast Check

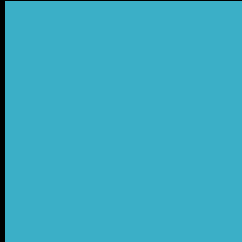
Large Text (above 18pt) WCAG AA × Fail

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 27.4424, 35.7133, 59.4798 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 27.4424, 35.7133, 59.4798

Background



This preview shows how black text looks on a background with the XYZ color 27.4424, 35.7133, 59.4798.



This preview shows how white text looks on a background with the XYZ color 27.4424, 35.7133,

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

27.4424, 35.7133, 59.4798

Protanopia

34.8017, 35.2971, 52.5557

Deuteranopia

35.9733, 35.1980, 61.3978



Tritanopia

26.4506, 35.5965, 54.7669

Trichromacy



Original Color

27.4424, 35.7133, 59.4798



Protanomaly

30.5773, 34.6380, 54.9434



Deuteranomaly

31.5439, 34.7371, 60.9195



Tritanomaly

26.8938, 35.7865, 56.5290

Monochromacy



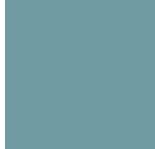
Original Color

27.4424, 35.7133, 59.4798



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

25.0143, 29.5318, 39.0321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4424, 35.7133, 59.4798 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(59, 175, 199)` looks like.

```
.text, #text, p{  
    color:rgb(59, 175, 199)  
}
```

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(59, 175, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 175, 199) }
```

Border

The CSS property to change the border of an element to XYZ 27.4424, 35.7133, 59.4798 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(59, 175, 199) }
```


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

```
.border{ border-color:rgb(59, 175, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 175, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 175, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 175, 199);  
box-shadow:4px 4px 4px 4px rgb(59, 175,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4424, 35.7133, 59.4798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 175, 199) }
```

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

```
.background{ background-color: rgb(59, 175,  
199) }
```

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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