

Converting Colors

XYZ(26.8926, 32.8017, 56.3434)

Have a look what the booklet for
XYZ(26.8926, 32.8017, 56.3434)
contains.

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Color

**XYZ(26.8727, 32.6894,
56.5231)**

Conversions

Conversions Part 1

Format	Color
Hex	53A5C3
RGB	83, 165, 195
RGB Percent	33%, 65%, 76%
CMY	0.6745, 0.3529, 0.2353
CMYK	0.57, 0.15, 0.00, 0.24
HSL	196°, 48%, 55%
HSV	196°, 57%, 76%
XYZ	26.8727, 32.6894, 56.5231
YIQ	143.9020, -58.5020, -8.0540

Conversions

Conversions Part 2

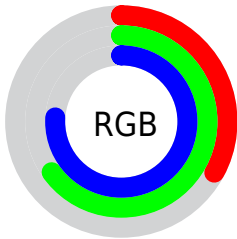
Format	Color
R_{YB}	83, 130, 195
Decimal	5481923
CIE _{Lab}	63.91, -16.27, -22.96
CIE _{LCh}	64, 28.142, 234.688
Yxy	32.6894, 0.2315, 0.2816
Android (android.graphics.Color)	4283672003 (0xFF53A5C3)
YUV	143.9020, 25.1913, -53.4111
Hunter-Lab	57.1746, -16.1587, -18.5921

Details

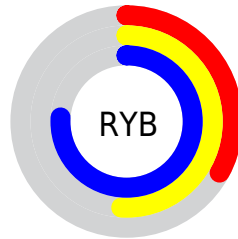
The XYZ color **26.8727, 32.6894, 56.5231** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **29.9730, 24.0379, 11.2446**, and the grayscale version is **26.3895, 27.7639, 30.2348**.

A 20% lighter version of the original color is **54.1484, 63.8774, 101.5711**, and **10.7379, 13.7462, 27.2866** is the 20% darker color. If you saturate the color by 10%, you get **24.4653, 30.0788, 56.1467**, and if you desaturate by 10%, it is **29.8044, 35.6287, 56.9365**.

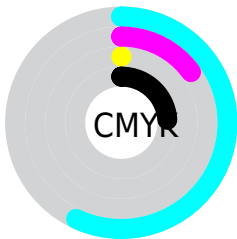
Distribution



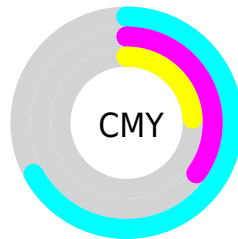
- Red (33%)
- Green (65%)
- Blue (76%)



- Red (33%)
- Yellow (51%)
- Blue (76%)



- Cyan (57%)
- Magenta (15%)
- Yellow (0%)
- Black (24%)



- Cyan (67%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8727, 32.6894, 56.5231 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 26.8727, 32.6894, 56.5231 by changing the saturation by 10% instead.

■ 26.8727, 32.6894,
56.5231

■ 26.8727, 32.6894,
56.5231

279.2190,
314.2478, 429.1035

■ 17.6137, 21.8886,
40.2157

■ 54.1009, 63.8903,
101.2624

■ 10.7710, 13.7751,
27.3917

■ 72.8008, 85.0592,
130.5314

■ 5.9792, 7.9644,
17.6326

■ 95.3783, 110.4529,
164.9579

■ 2.8730, 4.0722,
10.5198

■ 122.1990,
140.4559, 204.9606

■ 1.0870, 1.7140,
5.6349

153.6280,
175.4525, 250.9580

■ 0.0142, 0.4327,
2.5592

190.0308,

■ 0.0000, 0.0000,

215.8270, 303.3685

0.8713

231.7727,
261.9640, 362.6108

■ 0.0000, 0.0000,
0.0000

■ 26.8727, 32.6894,
56.5231

■ 26.8727, 32.6894,
56.5231

■ 24.4653, 30.0788,
56.1467

■ 29.8044, 35.6287,
56.9365

■ 22.5370, 27.7710,
55.8029

■ 33.2947, 38.9131,
57.3865

■ 21.0395, 25.7411,
55.4900

■ 37.3783, 42.5618,
57.8756

■ 19.9030, 23.9523,
55.2046

■ 42.0863, 46.5915,
58.4052

■ 19.6383, 23.5160,
55.1344

■ 47.4474, 51.0175,
58.9770

■ 53.4884, 55.8544,
59.5922

■ 60.2348, 61.1158,
60.2522

■ 67.7104, 66.8148,
60.9582

■ 74.6367, 72.2926,
61.6505

Harmonies

Analogous

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



24.6515, 32.6894, 45.5025



26.8727, 32.6894, 56.5231



30.3705, 32.6894, 62.0275

Triad

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



26.8727, 32.6894, 56.5231



39.2871, 32.6894, 37.6510



27.9967, 32.6894, 19.2260

Complementary

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



26.8727, 32.6894, 56.5231



29.9730, 24.0379, 11.2446

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.



31.7807, 32.6894, 17.9932



26.8727, 32.6894, 56.5231



38.5165, 32.6894, 27.2383

Square

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



26.8727, 32.6894, 56.5231



37.7085, 32.6894, 49.7481



35.6837, 32.6894, 20.5967



25.2608, 32.6894, 24.4156

Rectangle

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



26.8727, 32.6894, 56.5231



33.0416, 32.6894, 61.1353



35.6837, 32.6894, 20.5967



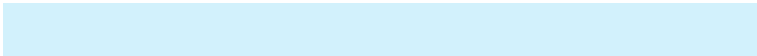
29.1790, 32.6894, 18.3889

Sweetspot

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



26.8738, 32.6906, 56.5239



75.5297, 83.5739, 104.6203



26.0564, 42.0592, 22.3295



16.1402, 17.9648, 22.8668



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.



26.8738, 32.6906, 56.5239



42.8267, 52.7304, 100.3906



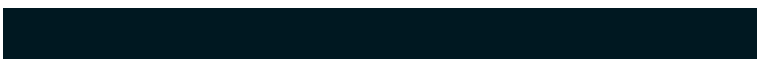
18.9015, 16.7460, 53.8665



10.1330, 10.9572, 12.8657



12.8359, 15.4283, 35.8581



0.6089, 0.7751, 1.5674

Inverse Universe

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



32.3913, 20.5062, 37.8494



54.1663, 30.7115, 61.3336



38.2310, 40.5539, 13.9973



10.3784, 10.2000, 12.0832



17.8749, 8.8397, 17.7854



0.7997, 0.3929, 0.9127

Previews

White Background



This preview shows how the XYZ color 26.8727, 32.6894, 56.5231 looks on a white background.

Color Contrast Check

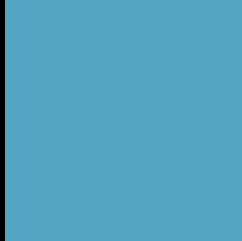
Large Text (above 18pt) WCAG AA × Fail

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 26.8727, 32.6894, 56.5231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

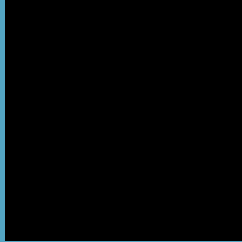
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8727, 32.6894, 56.5231

Background



This preview shows how black text looks on a background with the XYZ color 26.8727, 32.6894, 56.5231.

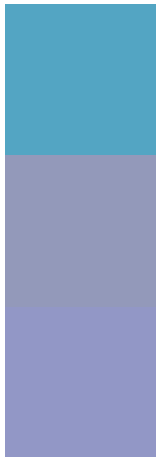


This preview shows how white text looks on a background with the XYZ color 26.8727, 32.6894,

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

26.8727, 32.6894, 56.5231

Protanopia

32.2868, 32.5307, 51.0317

Deuteranopia

33.1137, 32.3214, 57.9195



Tritanopia

25.2198, 32.5514, 48.6699

Trichromacy



Original Color

26.8727, 32.6894, 56.5231

Protanomaly

29.5545, 32.0732, 52.7772

Deuteranomaly

30.1349, 32.0191, 57.4154

Tritanomaly

25.7236, 32.4799, 51.3678

Monochromacy



Original Color

26.8727, 32.6894, 56.5231

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.8651, 29.2384, 38.9307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8727, 32.6894, 56.5231 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(83, 165, 195)` looks like.

```
.text, #text, p{  
    color:rgb(83, 165, 195)  
}
```

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(83, 165, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 165, 195) }
```

Border

The CSS property to change the border of an element to XYZ 26.8727, 32.6894, 56.5231 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(83, 165, 195) }
```


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

```
.border{ border-color:rgb(83, 165, 195) }
```

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

Here you see how a box with a 4 pixel rgb(83, 165, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 165, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 165, 195);  
box-shadow:4px 4px 4px 4px rgb(83, 165,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8727, 32.6894, 56.5231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 165, 195) }
```

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

```
.background{ background-color: rgb(83, 165,  
195) }
```

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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