

Converting Colors

XYZ(26.6276, 32.3351, 54.7070)

Have a look what the booklet for
XYZ(26.6276, 32.3351, 54.7070)
contains.

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Color

**XYZ(26.6276, 32.3351,
54.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	56A4C0
RGB	86, 164, 192
RGB Percent	34%, 64%, 75%
CMY	0.6627, 0.3569, 0.2471
CMYK	0.55, 0.15, 0.00, 0.25
HSL	196°, 46%, 55%
HSV	196°, 55%, 75%
XYZ	26.6276, 32.3351, 54.7070
YIQ	143.8700, -55.4760, -7.8280

Conversions

Conversions Part 2

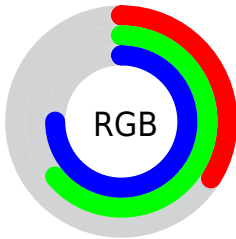
Format	Color
RYB	86, 131, 192
Decimal	5678272
CIELab	63.62, -16.02, -21.72
CIELCh	64, 26.991, 233.595
Yxy	32.3351, 0.2343, 0.2845
Android (android.graphics.Color)	4283868352 (0xFF56A4C0)
YUV	143.8700, 23.7281, -50.7520
Hunter-Lab	56.8640, -15.9260, -17.2362

Details

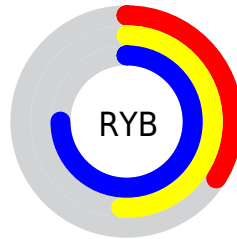
The XYZ color **26.6276, 32.3351, 54.7070** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **29.4361, 23.9139, 11.8695**, and the grayscale version is **26.3815, 27.7554, 30.2256**.

A 20% lighter version of the original color is **53.6025, 63.2800, 98.1960**, and **10.5953, 13.5335, 26.0985** is the 20% darker color. If you saturate the color by 10%, you get **24.2022, 29.7647, 54.3393**, and if you desaturate by 10%, it is **29.5661, 35.2250, 55.1105**.

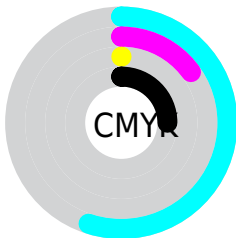
Distribution



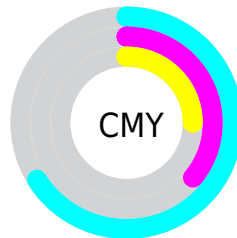
- Red (34%)
- Green (64%)
- Blue (75%)



- Red (34%)
- Yellow (51%)
- Blue (75%)



- Cyan (55%)
- Magenta (15%)
- Yellow (0%)
- Black (25%)



- Cyan (66%)
- Magenta (36%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6276, 32.3351, 54.7070 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 26.6276, 32.3351, 54.7070 by changing the saturation by 10% instead.

■ 26.6276, 32.3351,
54.7070

■ 26.6276, 32.3351,
54.7070

278.0500,
312.6429, 422.0509

■ 17.4289, 21.6176,
38.7702

■ 53.7098, 63.3361,
98.5784

■ 10.6379, 13.5762,
26.2745

■ 72.3240, 84.3883,
127.3500

■ 5.8894, 7.8265,
16.8015

■ 94.8074, 109.6542,
161.2370

■ 2.8180, 3.9841,
9.9326

■ 121.5254,
139.5182, 200.6578

■ 1.0582, 1.6647,
5.2493

152.8433,
174.3647, 246.0311

■ 0.0000, 0.4006,
2.3330

189.1265,

■ 0.0000, 0.0000,

214.5780, 297.7754

0.7496

230.7403,
260.5426, 356.3091

■ 0.0000, 0.0000,
0.0000

■ 26.6276, 32.3351,
54.7070

■ 26.6276, 32.3351,
54.7070

■ 24.2022, 29.7647,
54.3393

■ 29.5661, 35.2250,
55.1105

■ 22.2473, 27.4894,
54.0032

■ 33.0496, 38.4496,
55.5493

■ 20.7184, 25.4862,
53.6971

■ 37.1110, 42.0270,
56.0258

■ 19.5601, 23.7258,
53.4183

■ 41.7795, 45.9730,
56.5414

■ 19.0815, 22.9396,
53.2918

■ 47.0825, 50.3021,
57.0975

■ 53.0453, 55.0281,
57.6954

■ 59.6922, 60.1639,
58.3364

■ 67.0459, 65.7219,
59.0216

■ 73.7141, 70.9849,
59.6860

Harmonies

Analogous

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



24.5557, 32.3351, 44.1916



26.6276, 32.3351, 54.7070



29.9317, 32.3351, 60.1410

Triad

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



26.6276, 32.3351, 54.7070



38.5177, 32.3351, 37.5754



27.9214, 32.3351, 19.3991

Complementary

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



26.6276, 32.3351, 54.7070



29.4361, 23.9139, 11.8695

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.



31.5496, 32.3351, 18.3392



26.6276, 32.3351, 54.7070



37.8693, 32.3351, 27.5317

Square

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



26.6276, 32.3351, 54.7070



36.9471, 32.3351, 49.0272



35.2413, 32.3351, 20.9982



25.2588, 32.3351, 24.2643

Rectangle

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



26.6276, 32.3351, 54.7070



32.4698, 32.3351, 59.4970



35.2413, 32.3351, 20.9982



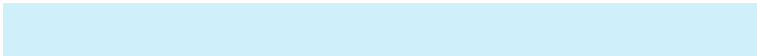
29.0603, 32.3351, 18.6335

Sweetspot

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



26.6286, 32.3363, 54.7078



73.8608, 81.7662, 102.2499



25.6408, 40.8595, 22.0120



15.4692, 17.2257, 21.8949



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.6286, 32.3363, 54.7078



43.1345, 53.1289, 98.3418



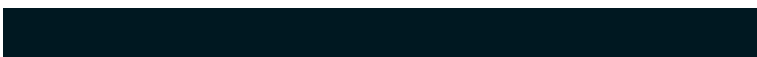
19.2027, 17.4843, 52.2324



10.1362, 10.9637, 12.8668



12.9060, 15.5684, 35.8814



0.6114, 0.7803, 1.5683

Inverse Universe

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



31.7677, 20.5434, 37.4141



53.8155, 31.2696, 61.8044



36.9642, 38.9702, 14.3789



10.3800, 10.2006, 12.0918



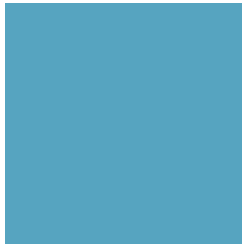
17.9103, 8.8539, 17.9716



0.8010, 0.3934, 0.9195

Previews

White Background



This preview shows how the XYZ color 26.6276, 32.3351, 54.7070 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 26.6276, 32.3351, 54.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

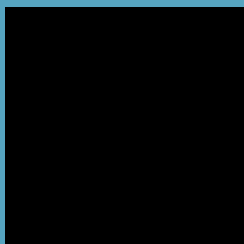
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

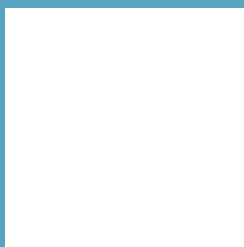
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6276, 32.3351, 54.7070

Background



This preview shows how black text looks on a background with the XYZ color 26.6276, 32.3351, 54.7070.



This preview shows how white text looks on a background with the XYZ color 26.6276, 32.3351,

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

26.6276, 32.3351, 54.7070

Protanopia

31.9126, 32.1202, 49.8652

Deuteranopia

32.6107, 31.8638, 56.0613



Tritanopia

25.2678, 32.3171, 48.0861

Trichromacy



Original Color

26.6276, 32.3351, 54.7070

Protanomaly

29.3156, 31.7248, 51.5921

Deuteranomaly

29.7711, 31.6228, 55.5736

Tritanomaly

25.6741, 32.2100, 50.2114

Monochromacy



Original Color

26.6276, 32.3351, 54.7070

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.6680, 28.9174, 37.9470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6276, 32.3351, 54.7070 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(86, 164, 192) looks like.

```
.text, #text, p{  
    color:rgb(86, 164, 192)  
}
```

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(86, 164, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 164, 192) }
```

Border

The CSS property to change the border of an element to XYZ 26.6276, 32.3351, 54.7070 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(86, 164, 192) }
```


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

```
.border{ border-color:rgb(86, 164, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 164, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 164, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 164, 192);  
box-shadow:4px 4px 4px 4px rgb(86, 164,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6276, 32.3351, 54.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 164, 192) }
```

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

```
.background{ background-color: rgb(86, 164,  
192) }
```

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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