

Converting Colors

XYZ(26.9544, 34.4249, 60.3689)

Have a look what the booklet for
XYZ(26.9544, 34.4249, 60.3689)
contains.

XYZ(26.9092, 34.2727, 60.4554)	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(26.9092, 34.2727,
60.4554)**

Conversions

Conversions Part 1

Format	Color
Hex	3BABC9
RGB	59, 171, 201
RGB Percent	23%, 67%, 79%
CMY	0.7686, 0.3294, 0.2118
CMYK	0.71, 0.15, 0.00, 0.21
HSL	193°, 57%, 51%
HSV	193°, 71%, 79%
XYZ	26.9092, 34.2727, 60.4554
YIQ	140.9320, -76.3820, -14.4140

Conversions

Conversions Part 2

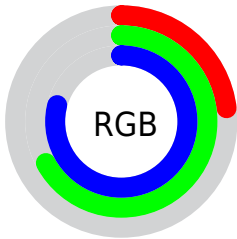
Format	Color
RYB	59, 122, 201
Decimal	3910601
CIELab	65.18, -21.59, -24.42
CIELCh	65, 32.596, 228.516
Yxy	34.2727, 0.2212, 0.2818
Android (android.graphics.Color)	4282100681 (0xFF3BABC9)
YUV	140.9320, 29.6135, -71.8544
Hunter-Lab	58.5429, -20.4027, -20.2469

Details

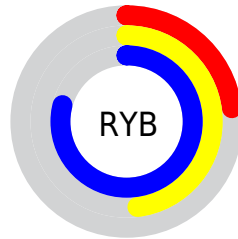
The XYZ color **26.9092, 34.2727, 60.4554** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **28.4504, 19.8797, 6.4766**, and the grayscale version is **25.2014, 26.5139, 28.8736**.

A 20% lighter version of the original color is **53.8313, 66.4433, 104.5954**, and **11.8633, 15.3002, 29.9317** is the 20% darker color. If you saturate the color by 10%, you get **25.1501, 32.1947, 60.1477**, and if you desaturate by 10%, it is **29.1548, 36.6410, 60.7948**.

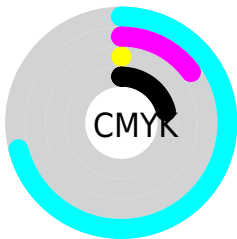
Distribution



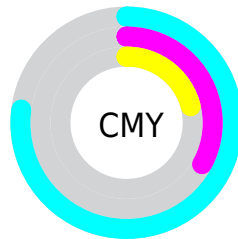
- Red (23%)
- Green (67%)
- Blue (79%)



- Red (23%)
- Yellow (48%)
- Blue (79%)



- Cyan (71%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)



- Cyan (77%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9092, 34.2727, 60.4554 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 26.9092, 34.2727, 60.4554 by changing the saturation by 10% instead.

■ 26.9092, 34.2727,
60.4554

■ 26.9092, 34.2727,
60.4554

279.3928,
321.3463, 444.1255

■ 17.6413, 23.1032,
43.3581

■ 54.1590, 66.3575,
107.0398

■ 10.7909, 14.6697,
29.8327

■ 72.8717, 88.0416,
137.3641

■ 5.9926, 8.5879,
19.4607

■ 95.4633, 113.9993,
172.9343

■ 2.8812, 4.4734,
11.8234

■ 122.2991,
144.6151, 214.1692

■ 1.0913, 1.9417,
6.5025

■ 153.7447,
180.2732, 261.4872

■ 0.0178, 0.5733,
3.0793

190.1652,

■ 0.0000, 0.0000,

221.3582, 315.3069

1.1353

231.9261,
268.2545, 376.0468

■ 0.0000, 0.0000,
0.0000

■ 26.9092, 34.2727,
60.4554

■ 26.9092, 34.2727,
60.4554

■ 25.1501, 32.1947,
60.1477

■ 29.1548, 36.6410,
60.7948

■ 23.8178, 30.3741,
59.8665

■ 31.9309, 39.3208,
61.1658

■ 22.8611, 28.8539,
59.6235

■ 35.2801, 42.3350,
61.5710

■ 39.2396, 45.7031,
62.0125

■ 43.8436, 49.4430,
62.4917

■ 49.1233, 53.5713,
63.0102

■ 55.1083, 58.1034,
63.5696

■ 61.8260, 63.0539,
64.1711

■ 69.3025, 68.4365,
64.8160

Harmonies

Analogous

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



24.6827, 34.2727, 46.2247



26.9092, 34.2727, 60.4554



30.7961, 34.2727, 69.1431

Triad

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



26.9092, 34.2727, 60.4554



42.3360, 34.2727, 42.7523



29.7687, 34.2727, 17.6520

Complementary

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



26.9092, 34.2727, 60.4554



28.4504, 19.8797, 6.4766

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.



34.4215, 34.2727, 17.1542



26.9092, 34.2727, 60.4554



41.9928, 34.2727, 29.6344

Square

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



26.9092, 34.2727, 60.4554



39.8823, 34.2727, 57.3893



38.9854, 34.2727, 20.9945



26.2200, 34.2727, 22.5737

Rectangle

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



26.9092, 34.2727, 60.4554



33.9421, 34.2727, 69.4974



38.9854, 34.2727, 20.9945



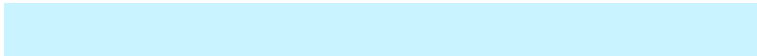
31.2455, 34.2727, 17.0149

Sweetspot

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



26.9103, 34.2739, 60.4562



74.5150, 84.2128, 106.9351



24.4281, 43.3987, 16.1938



15.4569, 17.6298, 22.8382



0.0000, 0.0000, 0.0000



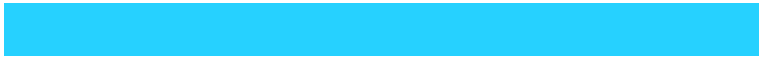
20.3446, 21.4041, 23.3091

Same Dimension

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



26.9103, 34.2739, 60.4562



41.7099, 53.3394, 102.7049



17.0598, 14.5729, 57.1727



10.7492, 11.6724, 13.6039



14.4423, 18.2785, 37.5113



0.7329, 0.9636, 1.7925

Inverse Universe

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



33.0031, 18.4870, 40.3582



53.4754, 27.2760, 62.9024



37.1732, 37.3252, 9.3842



10.9834, 10.7768, 12.8960



19.0891, 9.3852, 21.4770



0.9286, 0.4543, 1.1473

Previews

White Background



This preview shows how the XYZ color 26.9092, 34.2727, 60.4554 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 26.9092, 34.2727, 60.4554 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 26.9092, 34.2727, 60.4554

Background



This preview shows how black text looks on a background with the XYZ color 26.9092, 34.2727, 60.4554.

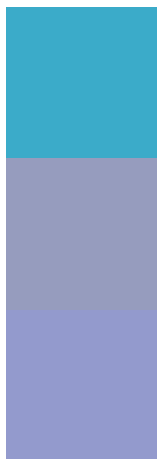


This preview shows how white text looks on a background with the XYZ color 26.9092, 34.2727,

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

26.9092, 34.2727, 60.4554

Protanopia

33.7604, 33.9787, 53.4944

Deuteranopia

34.6077, 33.7220, 62.4426



Tritanopia

25.2286, 34.1531, 52.2762

Trichromacy



Original Color

26.9092, 34.2727, 60.4554

Protanomaly

29.8186, 33.1667, 55.8691

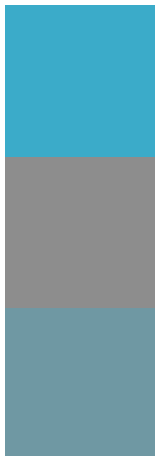
Deuteranomaly

30.5401, 33.1461, 61.9149

Tritanomaly

25.7352, 34.0677, 55.0885

Monochromacy



Original Color

26.9092, 34.2727, 60.4554

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.3946, 28.4803, 38.8618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9092, 34.2727, 60.4554 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, 171, 201)` looks like.

```
.text, #text, p{  
    color:rgb(59, 171, 201)  
}
```

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, 171, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 171, 201) }
```

Border

The CSS property to change the border of an element to XYZ 26.9092, 34.2727, 60.4554 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, 171, 201) }
```


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

```
.border{ border-color:rgb(59, 171, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 171, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 171, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 171, 201);  
box-shadow:4px 4px 4px 4px rgb(59, 171,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9092, 34.2727, 60.4554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 171, 201) }
```

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

```
.background{ background-color: rgb(59, 171,  
201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor