

Converting Colors

XYZ(26.2431, 39.9245, 34.7129)

Have a look what the booklet for
XYZ(26.2431, 39.9245, 34.7129)
contains.

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Color

**XYZ(26.2209, 39.9047,
34.7542)**

Conversions

Conversions Part 1

Format	Color
Hex	47BD95
RGB	71, 189, 149
RGB Percent	28%, 74%, 58%
CMY	0.7216, 0.2588, 0.4157
CMYK	0.62, 0.00, 0.21, 0.26
HSL	160°, 47%, 51%
HSV	160°, 62%, 74%
XYZ	26.2209, 39.9047, 34.7542
YIQ	149.1580, -57.4880, -37.4560

Conversions

Conversions Part 2

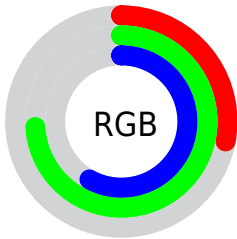
Format	Color
RYB	71, 142, 189
Decimal	4701589
CIELab	69.40, -42.62, 10.56
CIELCh	69, 43.908, 166.081
Yxy	39.9047, 0.2599, 0.3956
Android (android.graphics.Color)	4282891669 (0xFF47BD95)
YUV	149.1580, -0.0779, -68.5446
Hunter-Lab	63.1702, -36.4554, 11.5997

Details

The XYZ color **26.2209, 39.9047, 34.7542** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **26.1100, 16.4739, 16.8438**, and the grayscale version is **28.6521, 30.1443, 32.8271**.

A 20% lighter version of the original color is **53.0953, 75.0486, 68.1873**, and **10.8686, 18.2098, 14.4973** is the 20% darker color. If you saturate the color by 10%, you get **24.5470, 39.1003, 32.0792**, and if you desaturate by 10%, it is **28.3561, 40.9457, 37.5995**.

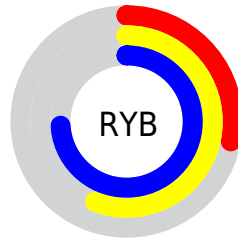
Distribution



Red (28%)

Green (74%)

Blue (58%)



Red (28%)

Yellow (56%)

Blue (74%)

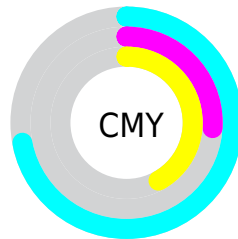


Cyan (62%)

Magenta (0%)

Yellow (21%)

Black (26%)



Cyan (72%)


Magenta (26%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2209, 39.9047, 34.7542 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 26.2209, 39.9047, 34.7542 by changing the saturation by 10% instead.


 26.2209, 39.9047,
34.7542


 26.2209, 39.9047,
34.7542


276.1016,
345.7217, 338.3533


 17.1225, 27.4642,
23.1916

 53.0599, 75.0184,
68.2521


 10.4177, 17.9222,
14.5284


 71.5312, 98.4604,
91.0243


 5.7412, 10.8941,
8.3461


 93.8575, 126.3384,
118.3703

 2.7275, 5.9957,
4.2263

 120.4041,
159.0367, 150.7084

 1.0114, 2.8425,
1.7503

 151.5365,
196.9398, 188.4572

 0.0000, 1.0500,
0.3949

187.6200,

 0.0000, 0.0000,

240.4321, 232.0352

0.0000

229.0199,
289.8980, 281.8611

■ 26.2209, 39.9047,
34.7542

■ 26.2209, 39.9047,
34.7542

■ 24.5470, 39.1003,
32.0792

■ 28.3561, 40.9457,
37.5995

■ 23.2893, 38.5062,
29.5674

■ 30.9861, 42.2375,
40.6162

■ 22.3987, 38.0982,
27.2150

■ 34.1446, 43.7983,
43.8091

■ 21.8956, 37.8755,
25.5360

■ 37.8616, 45.6437,
47.1819

■ 42.1648, 47.7879,
50.7378

■ 47.0799, 50.2439,
54.4802

■ 52.6310, 53.0244,
58.4123

■ 58.8411, 56.1409,
62.5372

■ 65.7317, 59.6047,
66.8579

Harmonies

Analogous

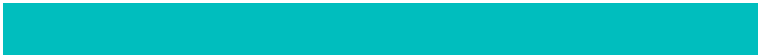
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.9678, 39.9047, 21.6803



26.2209, 39.9047, 34.7542



26.3247, 39.9047, 55.1303

Triad

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



26.2209, 39.9047, 34.7542



41.8133, 39.9047, 92.5217



48.1427, 39.9047, 21.0341

Complementary

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



26.2209, 39.9047, 34.7542



26.1100, 16.4739, 16.8438

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.



52.5211, 39.9047, 33.5473



26.2209, 39.9047, 34.7542



48.5686, 39.9047, 76.3721

Square

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



26.2209, 39.9047, 34.7542



34.7563, 39.9047, 93.1517



52.6860, 39.9047, 53.4860



41.2875, 39.9047, 15.5877

Rectangle

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



26.2209, 39.9047, 34.7542



27.9828, 39.9047, 70.5966



52.6860, 39.9047, 53.4860



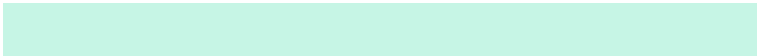
49.9884, 39.9047, 24.3426

Sweetspot

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



26.2220, 39.9063, 34.7551



70.1040, 82.8878, 86.4567



26.0564, 40.3162, 12.3702



14.6229, 17.5993, 18.2068



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.2220, 39.9063, 34.7551



43.0303, 69.5829, 55.7232



26.4047, 34.2545, 53.3661



9.6674, 10.7531, 11.4979



14.7683, 25.4976, 17.3747



0.6079, 1.0105, 0.8355

Inverse Universe

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



26.1100, 16.4739, 16.8438



42.8686, 24.1765, 21.2906



25.6722, 18.3696, 8.1543



9.6600, 9.5883, 10.5988



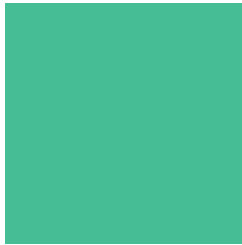
14.7766, 7.5418, 4.1173



0.6099, 0.3079, 0.3252

Previews

White Background



This preview shows how the XYZ color 26.2209, 39.9047, 34.7542 looks on a white background.

Color Contrast Check

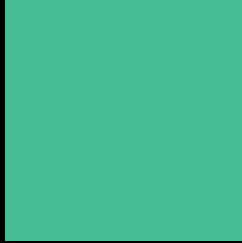
Large Text (above 18pt) WCAG AA × Fail

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 26.2209, 39.9047, 34.7542 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

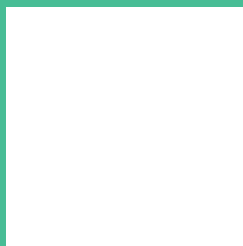
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2209, 39.9047, 34.7542

Background



This preview shows how black text looks on a background with the XYZ color 26.2209, 39.9047, 34.7542.



This preview shows how white text looks on a background with the XYZ color 26.2209, 39.9047,

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

26.2209, 39.9047, 34.7542

Protanopia

37.0229, 39.3343, 30.0671

Deuteranopia

39.8230, 39.0260, 36.4442



Tritanopia

30.9258, 39.6110, 58.8390

Trichromacy



Original Color

26.2209, 39.9047, 34.7542



Protanomaly

31.1307, 38.5228, 31.7815



Deuteranomaly

32.3564, 37.9159, 35.7501



Tritanomaly

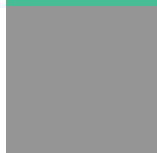
29.0669, 39.7870, 49.3277

Monochromacy



Original Color

26.2209, 39.9047, 34.7542



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

26.5854, 32.7858, 33.3609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2209, 39.9047, 34.7542 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(71, 189, 149)` looks like.

```
.text, #text, p{  
    color:rgb(71, 189, 149)  
}
```

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(71, 189, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 189, 149) }
```

Border

The CSS property to change the border of an element to XYZ 26.2209, 39.9047, 34.7542 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(71, 189, 149) }
```


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

```
.border{ border-color:rgb(71, 189, 149) }
```

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

Here you see how a box with a 4 pixel rgb(71, 189, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 189, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 189, 149);  
box-shadow:4px 4px 4px 4px rgb(71, 189,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2209, 39.9047, 34.7542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 189, 149) }
```

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

```
.background{ background-color: rgb(71, 189,  
149) }
```

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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