

Converting Colors

XYZ(26.4256, 34.1760, 49.4598)

Have a look what the booklet for
XYZ(26.4256, 34.1760, 49.4598)
contains.

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Color

**XYZ(26.4861, 34.2971,
49.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	52ABB6
RGB	82, 171, 182
RGB Percent	32%, 67%, 71%
CMY	0.6784, 0.3294, 0.2863
CMYK	0.55, 0.06, 0.00, 0.29
HSL	187°, 41%, 52%
HSV	187°, 55%, 71%
XYZ	26.4861, 34.2971, 49.4800
YIQ	145.6430, -56.5750, -15.4470

Conversions

Conversions Part 2

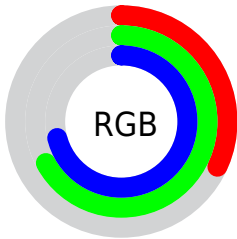
Format	Color
R _Y B	82, 129, 182
Decimal	5417910
CIE Lab	65.20, -23.40, -13.77
CIE LCh	65, 27.154, 210.465
Yxy	34.2971, 0.2402, 0.3110
Android (android.graphics.Color)	4283607990 (0xFF52ABB6)
YUV	145.6430, 17.9240, -55.8149
Hunter-Lab	58.5637, -21.7579, -9.0990

Details

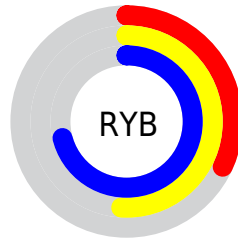
The XYZ color **26.4861, 34.2971, 49.4800** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.7295, 18.3837, 10.2286**, and the grayscale version is **27.1222, 28.5347, 31.0743**.

A 20% lighter version of the original color is **53.5492, 66.6002, 90.9217**, and **10.4910, 14.5677, 23.0278** is the 20% darker color. If you saturate the color by 10%, you get **24.7335, 32.8372, 49.2912**, and if you desaturate by 10%, it is **28.6663, 35.9874, 49.6920**.

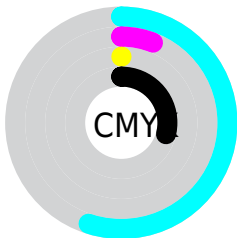
Distribution



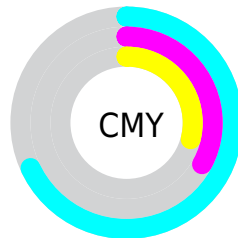
- Red (32%)
- Green (67%)
- Blue (71%)



- Red (32%)
- Yellow (51%)
- Blue (71%)



- Cyan (55%)
- Magenta (6%)
- Yellow (0%)
- Black (29%)



- Cyan (68%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4861, 34.2971, 49.4800 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 26.4861, 34.2971, 49.4800 by changing the saturation by 10% instead.

■ 26.4861, 34.2971,
49.4800

■ 26.4861, 34.2971,
49.4800

277.3734,
321.4548, 401.3056

■ 17.3222, 23.1219,
34.6321

■ 53.4838, 66.3954,
90.7923

■ 10.5612, 14.6836,
23.0983

■ 72.0484, 88.0874,
118.0938

■ 5.8377, 8.5976,
14.4602

■ 94.4773, 114.0537,
150.3836

■ 2.7864, 4.4797,
8.2990

■ 121.1358,
144.6788, 188.0802

■ 1.0418, 1.9453,
4.1964

152.3893,
180.3470, 231.6021

■ 0.0000, 0.5754,
1.7337

188.6032,

■ 0.0000, 0.0000,

221.4429, 281.3680

0.3837

230.1427,
268.3506, 337.7963

■ 0.0000, 0.0000,
0.0000

■ 26.4861, 34.2971,
49.4800

■ 26.4861, 34.2971,
49.4800

■ 24.7335, 32.8372,
49.2912

■ 28.6663, 35.9874,
49.6920

■ 23.3712, 31.5863,
49.1216

■ 31.3012, 37.9199,
49.9261

■ 22.3611, 30.5254,
48.9700

■ 34.4193, 40.1100,
50.1845

■ 21.6553, 29.6297,
48.8343

■ 38.0459, 42.5709,
50.4684

■ 21.3610, 29.2123,
48.7693

■ 42.2046, 45.3148,
50.7788

■ 46.9174, 48.3530,
51.1168

■ 52.2052, 51.6963,
51.4835

■ 58.0875, 55.3549,
51.8796

■ 64.5832, 59.3384,
52.3061

Harmonies

Analogous

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



25.5846, 34.2971, 37.5204



26.4861, 34.2971, 49.4800



28.9994, 34.2971, 59.6198

Triad

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



26.4861, 34.2971, 49.4800



39.6555, 34.2971, 49.1122



32.5368, 34.2971, 19.5567

Complementary

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



26.4861, 34.2971, 49.4800



24.7295, 18.3837, 10.2286

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.



36.4835, 34.2971, 21.4487



26.4861, 34.2971, 49.4800



40.7894, 34.2971, 37.1675

Square

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



26.4861, 34.2971, 49.4800



36.5986, 34.2971, 59.3791



39.5853, 34.2971, 27.3743



28.9008, 34.2971, 21.5708

Rectangle

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



26.4861, 34.2971, 49.4800



31.3576, 34.2971, 63.1337



39.5853, 34.2971, 27.3743



33.8714, 34.2971, 19.7519

Sweetspot

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



26.4872, 34.2984, 49.4808



68.0482, 76.5581, 91.4264



22.1402, 36.0232, 15.9125



14.7208, 16.7014, 20.1694



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.4872, 34.2984, 49.4808



44.2459, 59.0086, 89.2935



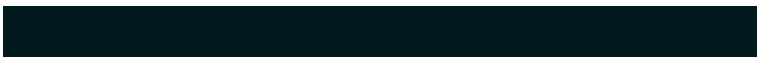
18.8836, 19.0914, 46.9463



9.1801, 10.0373, 11.5330



15.1147, 20.6890, 34.4498



0.5571, 0.7778, 1.2225

Inverse Universe

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



29.6603, 18.9209, 40.6183



50.7999, 29.0244, 70.5898



30.4882, 29.9013, 12.1482



9.3372, 9.1453, 11.1233



18.2429, 8.8709, 24.9635



0.6553, 0.3176, 0.9445

Previews

White Background



This preview shows how the XYZ color 26.4861, 34.2971, 49.4800 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 26.4861, 34.2971, 49.4800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

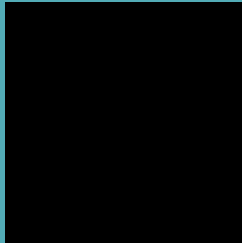
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4861, 34.2971, 49.4800

Background



This preview shows how black text looks on a background with the XYZ color 26.4861, 34.2971, 49.4800.

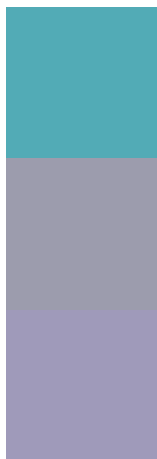


This preview shows how white text looks on a background with the XYZ color 26.4861, 34.2971,

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

26.4861, 34.2971, 49.4800

Protanopia

33.1416, 33.8620, 44.3244

Deuteranopia

34.7166, 34.0273, 51.1925



Tritanopia

26.7819, 34.4255, 50.5806

Trichromacy



Original Color

26.4861, 34.2971, 49.4800

Protanomaly

29.6346, 33.2915, 45.9383

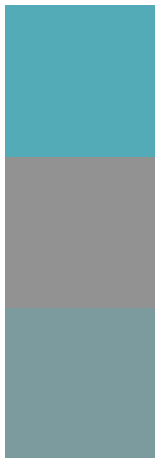
Deuteranomaly

30.6878, 33.4697, 50.7418

Tritanomaly

26.6774, 34.3837, 50.0304

Monochromacy



Original Color

26.4861, 34.2971, 49.4800

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.1477, 30.1568, 37.2436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4861, 34.2971, 49.4800 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(82, 171, 182)` looks like.

```
.text, #text, p{  
    color:rgb(82, 171, 182)  
}
```

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(82, 171, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 171, 182) }
```

Border

The CSS property to change the border of an element to XYZ 26.4861, 34.2971, 49.4800 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(82, 171, 182) }
```


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

```
.border{ border-color:rgb(82, 171, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 171, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 171, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 171, 182);  
box-shadow:4px 4px 4px 4px rgb(82, 171,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4861, 34.2971, 49.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 171, 182) }
```

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

```
.background{ background-color: rgb(82, 171,  
182) }
```

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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