

Converting Colors

XYZ(26.4181, 35.4126, 49.1590)

Have a look what the booklet for
XYZ(26.4181, 35.4126, 49.1590)
contains.

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Color

**XYZ(26.4181, 35.4126,
49.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	49AFB5
RGB	73, 175, 181
RGB Percent	29%, 69%, 71%
CMY	0.7137, 0.3137, 0.2902
CMYK	0.60, 0.03, 0.00, 0.29
HSL	183°, 43%, 50%
HSV	183°, 60%, 71%
XYZ	26.4181, 35.4126, 49.1590
YIQ	145.1860, -62.7180, -19.7580

Conversions

Conversions Part 2

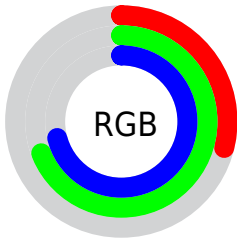
Format	Color
RYB	73, 125, 181
Decimal	4829109
CIELab	66.07, -27.44, -11.93
CIElCh	66, 29.921, 203.503
Yxy	35.4126, 0.2380, 0.3191
Android (android.graphics.Color)	4283019189 (0xFF49AFB5)
YUV	145.1860, 17.6563, -63.3071
Hunter-Lab	59.5085, -24.8969, -7.3226

Details

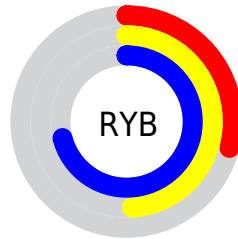
The XYZ color **26.4181, 35.4126, 49.1590** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.0554, 15.8975, 8.1576**, and the grayscale version is **26.9390, 28.3420, 30.8644**.

A 20% lighter version of the original color is **53.3777, 68.1718, 90.4659**, and **10.8558, 15.4776, 22.8374** is the 20% darker color. If you saturate the color by 10%, you get **25.0465, 34.4169, 49.0397**, and if you desaturate by 10%, it is **28.1923, 36.6196, 49.2991**.

Distribution



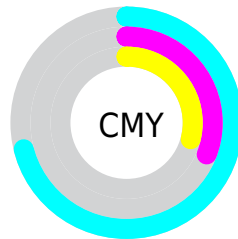
- Red (29%)
- Green (69%)
- Blue (71%)



- Red (29%)
- Yellow (49%)
- Blue (71%)



- Cyan (60%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4181, 35.4126, 49.1590 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 26.4181, 35.4126, 49.1590 by changing the saturation by 10% instead.

■ 26.4181, 35.4126,
49.1590

■ 26.4181, 35.4126,
49.1590

277.0477,
326.3858, 400.0084

■ 17.2710, 23.9809,
34.3791

■ 53.3752, 68.1245,
90.3110

■ 10.5244, 15.3194,
22.9053

■ 71.9159, 90.1734,
117.5202

■ 5.8129, 9.0439,
14.3190

■ 94.3185, 116.5302,
149.7096

■ 2.7712, 4.7698,
8.2016

■ 120.9484,
147.5792, 187.2977

■ 1.0340, 2.1128,
4.1346

■ 152.1709,
183.7049, 230.7031

■ 0.0000, 0.6718,
1.6995

188.3514,

■ 0.0000, 0.0000,

225.2916, 280.3443

0.3604

229.8552,
272.7238, 336.6399

■ 0.0000, 0.0000,
0.0000

■ 26.4181, 35.4126,
49.1590

■ 26.4181, 35.4126,
49.1590

■ 25.0465, 34.4169,
49.0397

■ 28.1923, 36.6196,
49.2991

■ 24.0386, 33.6101,
48.9371

■ 30.3974, 38.0501,
49.4590

■ 23.3535, 32.9717,
48.8500

■ 33.0627, 39.7200,
49.6408

■ 22.9076, 32.4589,
48.7746

■ 36.2142, 41.6428,
49.8459

■ 22.8937, 32.4424,
48.7721

■ 39.8759, 43.8307,
50.0752

■ 44.0700, 46.2953,
50.3299

■ 48.8178, 49.0475,
50.6108

■ 54.1390, 52.0976,
50.9191

■ 60.0527, 55.4552,
51.2555

Harmonies

Analogous

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



25.8657, 35.4126, 35.8564



26.4181, 35.4126, 49.1590



28.8300, 35.4126, 61.7540

Triad

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



26.4181, 35.4126, 49.1590



41.0020, 35.4126, 55.0133



34.6343, 35.4126, 19.0034

Complementary

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



26.4181, 35.4126, 49.1590



23.0554, 15.8975, 8.1576

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.



38.9984, 35.4126, 22.0479



26.4181, 35.4126, 49.1590



42.8778, 35.4126, 41.3926

Square

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



26.4181, 35.4126, 49.1590



37.1809, 35.4126, 65.6204



42.1142, 35.4126, 29.6029



30.3661, 35.4126, 20.1957

Rectangle

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



26.4181, 35.4126, 49.1590



31.2911, 35.4126, 67.0887



42.1142, 35.4126, 29.6029



36.1426, 35.4126, 19.5386

Sweetspot

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



26.4192, 35.4139, 49.1598



65.6985, 75.0868, 89.3251



20.6619, 35.0208, 12.9548



13.8218, 16.0008, 19.2822



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.4192, 35.4139, 49.1598



44.1477, 61.0909, 87.7595



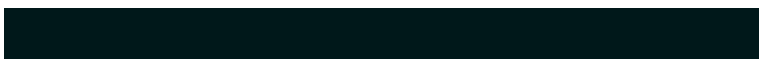
17.9996, 18.5748, 46.3533



8.7014, 9.5491, 10.8909



15.7992, 22.3988, 33.6277



0.5093, 0.7291, 1.0621

Inverse Universe

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



29.1774, 17.6849, 42.4346



49.6794, 26.9024, 73.9645



28.5651, 26.9171, 9.9942



8.8292, 8.6384, 10.5992



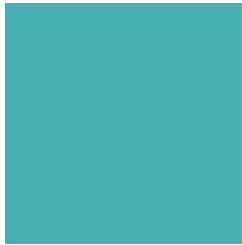
18.2094, 8.8013, 27.3262



0.5791, 0.2794, 0.8921

Previews

White Background



This preview shows how the XYZ color 26.4181, 35.4126, 49.1590 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 26.4181, 35.4126, 49.1590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

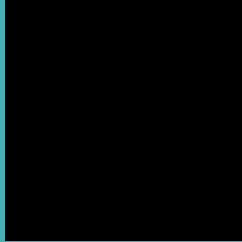
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4181, 35.4126, 49.1590

Background



This preview shows how black text looks on a background with the XYZ color 26.4181, 35.4126, 49.1590.

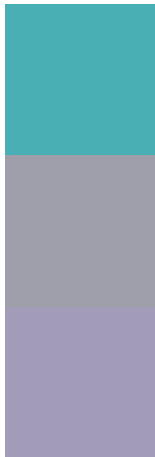


This preview shows how white text looks on a background with the XYZ color 26.4181, 35.4126,

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

26.4181, 35.4126, 49.1590

Protanopia

34.0469, 35.1075, 43.5100

Deuteranopia

35.7497, 35.0662, 50.7832



Tritanopia

27.1936, 35.4394, 52.9842

Trichromacy



Original Color

26.4181, 35.4126, 49.1590



Protanomaly

30.0951, 34.5946, 45.6487



Deuteranomaly

30.9548, 34.4009, 50.3559



Tritanomaly

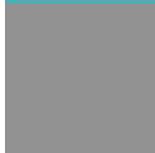
26.7947, 35.2707, 51.2946

Monochromacy



Original Color

26.4181, 35.4126, 49.1590



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

25.6678, 30.1675, 36.8178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4181, 35.4126, 49.1590 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(73, 175, 181)` looks like.

```
.text, #text, p{  
    color:rgb(73, 175, 181)  
}
```

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(73, 175, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 175, 181) }
```

Border

The CSS property to change the border of an element to XYZ 26.4181, 35.4126, 49.1590 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(73, 175, 181) }
```


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

```
.border{ border-color:rgb(73, 175, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 175, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 175, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 175, 181);  
box-shadow:4px 4px 4px 4px rgb(73, 175,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4181, 35.4126, 49.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 175, 181) }
```

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

```
.background{ background-color: rgb(73, 175,  
181) }
```

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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