

Converting Colors

XYZ(26.2179, 34.5011, 25.6915)

Have a look what the booklet for
XYZ(26.2179, 34.5011, 25.6915)
contains.

XYZ(26.1562, 34.3729, 25.6781)	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(26.1562, 34.3729,
25.6781)**

Conversions

Conversions Part 1

Format	Color
Hex	79AA80
RGB	121, 170, 128
RGB Percent	47%, 67%, 50%
CMY	0.5255, 0.3333, 0.4980
CMYK	0.29, 0.00, 0.25, 0.33
HSL	129°, 22%, 57%
HSV	129°, 29%, 67%
XYZ	26.1562, 34.3729, 25.6781
YIQ	150.5610, -15.7220, -23.4500

Conversions

Conversions Part 2

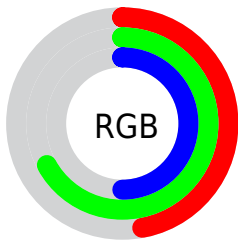
Format	Color
RYB	121, 164, 170
Decimal	7973504
CIELab	65.26, -25.02, 16.53
CIELCh	65, 29.993, 146.547
Yxy	34.3729, 0.3034, 0.3987
Android (android.graphics.Color)	4286163584 (0xFF79AA80)
YUV	150.5610, -11.1226, -25.9250
Hunter-Lab	58.6284, -22.9646, 15.0720

Details

The XYZ color **26.1562, 34.3729, 25.6781** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.0270, 24.8660, 37.8690**, and the grayscale version is **29.2794, 30.8042, 33.5458**.

A 20% lighter version of the original color is **52.9924, 66.7276, 53.8028**, and **10.4155, 14.8235, 9.7094** is the 20% darker color. If you saturate the color by 10%, you get **23.0893, 32.8958, 20.8825**, and if you desaturate by 10%, it is **29.7826, 36.1244, 31.2204**.

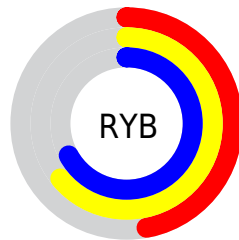
Distribution



Red (47%)

Green (67%)

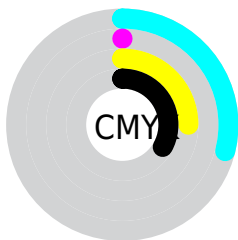
Blue (50%)



Red (47%)

Yellow (64%)

Blue (67%)

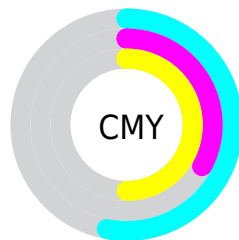


Cyan (29%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1562, 34.3729, 25.6781 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 26.1562, 34.3729, 25.6781 by changing the saturation by 10% instead.

■ 26.1562, 34.3729,
25.6781

■ 26.1562, 34.3729,
25.6781

275.7907,
321.7916, 294.7533

■ 17.0738, 23.1802,
16.3594

■ 52.9563, 66.5131,
53.7329

■ 10.3828, 14.7266,
9.6217

■ 71.4048, 88.2295,
73.3060

■ 5.7177, 8.6278,
5.0466

■ 93.7060, 114.2225,
97.1344

■ 2.7132, 4.4992,
2.2154

120.2253,
144.8766, 125.6365

■ 1.0040, 1.9565,
0.6832

151.3281,
180.5762, 159.2309

■ 0.0000, 0.5820,
0.0000

187.3797,

■ 0.0000, 0.0000,

221.7056, 198.3361

0.0000

228.7454,
268.6493, 243.3708

■ 26.1562, 34.3729,
25.6781

■ 26.1562, 34.3729,
25.6781

■ 23.0893, 32.8958,
20.8825

■ 29.7826, 36.1244,
31.2204

■ 20.5513, 31.6752,
16.7995

■ 33.9916, 38.1588,
37.5371

■ 18.5126, 30.6974,
13.3958


■ 38.8084, 40.4894,
44.6571


■ 16.9401, 29.9462,
10.6345


■ 44.2560, 43.1274,
52.6073


■ 15.7959, 29.4030,
8.4752


■ 50.3561, 46.0835,
61.4133


 15.0367, 29.0463,
6.8727

 57.1293, 49.3678,
71.0996

 14.5868, 28.8382,
5.7747

 64.5954, 52.9901,
81.6896

 14.5432, 28.8179,
5.6757

 72.0321, 56.5774,
93.1713

 73.6654, 57.2307,
101.7718

Harmonies

Analogous

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



29.0610, 34.3729, 19.7787



26.1562, 34.3729, 25.6781



24.9884, 34.3729, 35.9972

Triad

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



26.1562, 34.3729, 25.6781



32.1675, 34.3729, 66.9119



40.7683, 34.3729, 27.6784

Complementary

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



26.1562, 34.3729, 25.6781



30.0270, 24.8660, 37.8690

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.



41.7847, 34.3729, 38.8926



26.1562, 34.3729, 25.6781



36.5669, 34.3729, 63.3097

Square

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



26.1562, 34.3729, 25.6781



28.2587, 34.3729, 61.2766



40.1853, 34.3729, 52.3018



37.5189, 34.3729, 20.7402

Rectangle

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



26.1562, 34.3729, 25.6781



25.2674, 34.3729, 44.6980



40.1853, 34.3729, 52.3018



41.3943, 34.3729, 30.9893

Sweetspot

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



26.1571, 34.3743, 25.6789



61.3946, 69.0982, 67.6920



33.0273, 37.9675, 23.6774



13.4356, 15.2856, 14.7143



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.1571, 34.3743, 25.6789



43.5596, 60.4869, 40.5195



27.9312, 35.0840, 35.0210



7.4788, 8.4246, 8.2415



10.7108, 21.2031, 4.2438



0.2732, 0.5209, 0.1698

Inverse Universe

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



30.0270, 24.8660, 37.8690



51.8098, 40.2049, 66.4987



28.0738, 24.0847, 27.5833



7.7951, 7.6479, 9.2384



16.0106, 7.8130, 20.6651



0.4017, 0.1950, 0.5669

Previews

White Background



This preview shows how the XYZ color 26.1562, 34.3729, 25.6781 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 26.1562, 34.3729, 25.6781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

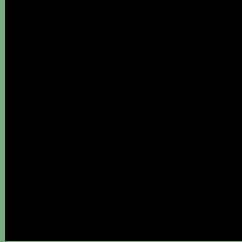
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.1562, 34.3729, 25.6781

Background



This preview shows how black text looks on a background with the XYZ color 26.1562, 34.3729, 25.6781.



This preview shows how white text looks on a background with the XYZ color 26.1562, 34.3729, 25.6781.

25.6781.

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

26.1562, 34.3729, 25.6781

Protanopia

31.8882, 34.1837, 23.3298

Deuteranopia

34.6845, 34.0675, 26.5774



Tritanopia

30.4172, 34.4711, 46.6454

Trichromacy



Original Color

26.1562, 34.3729, 25.6781

Protanomaly

29.3209, 33.8752, 24.0620

Deuteranomaly

30.9921, 33.9086, 26.3843

Tritanomaly

28.6466, 34.2877, 37.9092

Monochromacy



Original Color

26.1562, 34.3729, 25.6781

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.0000, 32.0123, 30.6898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1562, 34.3729, 25.6781 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(121, 170, 128)` looks like.

```
.text, #text, p{  
    color:rgb(121, 170, 128)  
}
```

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(121, 170, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 170, 128) }
```

Border

The CSS property to change the border of an element to XYZ 26.1562, 34.3729, 25.6781 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(121, 170, 128) }
```


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

```
.border{ border-color:rgb(121, 170, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 170, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 170, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 170, 128);  
box-shadow:4px 4px 4px 4px rgb(121, 170,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1562, 34.3729, 25.6781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 170, 128) }
```

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

```
.background{ background-color: rgb(121,  
170, 128) }
```

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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