

Converting Colors

XYZ(26.5293, 34.1913, 30.0123)

Have a look what the booklet for
XYZ(26.5293, 34.1913, 30.0123)
contains.

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Color

**XYZ(26.5293, 34.1913,
30.0123)**

Conversions

Conversions Part 1

Format	Color
Hex	77A98C
RGB	119, 169, 140
RGB Percent	47%, 66%, 55%
CMY	0.5333, 0.3372, 0.4510
CMYK	0.30, 0.00, 0.17, 0.34
HSL	145°, 23%, 56%
HSV	145°, 30%, 66%
XYZ	26.5293, 34.1913, 30.0123
YIQ	150.7440, -20.4910, -19.6190

Conversions

Conversions Part 2

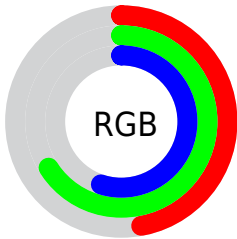
Format	Color
RYB	119, 154, 169
Decimal	7842188
CIELab	65.11, -22.87, 9.69
CIELCh	65, 24.836, 157.030
Yxy	34.1913, 0.2924, 0.3768
Android (android.graphics.Color)	4286032268 (0xFF77A98C)
YUV	150.7440, -5.2968, -27.8395
Hunter-Lab	58.4733, -21.3430, 10.4999

Details

The XYZ color **26.5293, 34.1913, 30.0123** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.3054, 23.7675, 31.1140**, and the grayscale version is **29.3349, 30.8626, 33.6093**.

A 20% lighter version of the original color is **53.4065, 65.9770, 60.9590**, and **10.6610, 14.7260, 11.9534** is the 20% darker color. If you saturate the color by 10%, you get **23.7222, 32.8249, 26.2748**, and if you desaturate by 10%, it is **29.8152, 35.7989, 34.1099**.

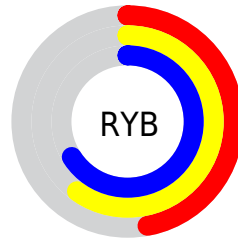
Distribution



Red (47%)

Green (66%)

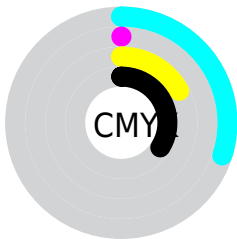
Blue (55%)



Red (47%)

Yellow (60%)

Blue (66%)

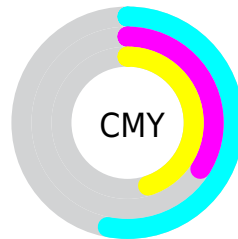


Cyan (30%)

Magenta (0%)

Yellow (17%)

Black (34%)



Cyan (53%)

Magenta (34%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5293, 34.1913, 30.0123 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 26.5293, 34.1913, 30.0123 by changing the saturation by 10% instead.

■ 26.5293, 34.1913,
30.0123

■ 26.5293, 34.1913,
30.0123

277.5801,
320.9842, 316.1709

■ 17.3548, 23.0406,
19.5958

■ 53.5529, 66.2310,
60.7429

■ 10.5846, 14.6235,
11.9204

■ 72.1326, 87.8889,
81.8940

■ 5.8535, 8.5556,
6.5676

■ 94.5781, 113.8179,
107.4604

■ 2.7960, 4.4525,
3.1189

121.2548,
144.4024, 137.8607

■ 1.0468, 1.9297,
1.1557

152.5280,
180.0270, 173.5133

■ 0.0000, 0.5662,
0.0000

188.7630,

■ 0.0000, 0.0000,

221.0758, 214.8369

0.0000

230.3253,
267.9335, 262.2499

■ 26.5293, 34.1913,
30.0123

■ 26.5293, 34.1913,
30.0123

■ 23.7222, 32.8249,
26.2748

■ 29.8152, 35.7989,
34.1099

■ 21.3674, 31.6836,
22.8851

■ 33.5988, 37.6545,
38.5746

■ 19.4404, 30.7558,
19.8339

■ 37.9017, 39.7700,
43.4163

■ 17.9128, 30.0270,
17.1102

■ 42.7430, 42.1552,
48.6438

■ 16.7527, 29.4810,
14.7026

■ 48.1411, 44.8191,
54.2654

■ 15.9229, 29.0989,
12.5988

■ 54.1134, 47.7708,
60.2894

■ 15.3471, 28.8416,
10.7843

■ 60.6765, 51.0186,
66.7237

■ 15.3253, 28.8319,
10.7152

■ 67.8463, 54.5705,
73.5759

■ 69.4632, 55.2510,
80.5647

Harmonies

Analogous

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



28.5029, 34.1913, 23.5332



26.5293, 34.1913, 30.0123



26.0975, 34.1913, 39.7093

Triad

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



26.5293, 34.1913, 30.0123



33.3528, 34.1913, 60.5872



38.3461, 34.1913, 26.5155

Complementary

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



26.5293, 34.1913, 30.0123



28.3054, 23.7675, 31.1140

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.



39.8673, 34.1913, 34.8533



26.5293, 34.1913, 30.0123



36.8496, 34.1913, 55.4136

Square

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



26.5293, 34.1913, 30.0123



29.8694, 34.1913, 58.6389



39.3004, 34.1913, 45.5176



35.2761, 34.1913, 21.7900

Rectangle

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



26.5293, 34.1913, 30.0123



26.7109, 34.1913, 46.9895



39.3004, 34.1913, 45.5176



39.0655, 34.1913, 28.9225

Sweetspot

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



26.5302, 34.1927, 30.0131



60.4797, 67.5858, 69.4370



29.7618, 36.0208, 22.8372



12.9618, 14.6227, 14.8804



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.5302, 34.1927, 30.0131



43.8767, 59.4627, 48.9589



28.5732, 35.0099, 40.7710



7.5626, 8.4581, 8.6826



11.4469, 21.4975, 8.1203



0.3042, 0.5333, 0.3329

Inverse Universe

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



28.3054, 23.7675, 31.1140



47.6115, 37.5171, 51.2661



26.5456, 23.0636, 21.8467



7.7067, 7.6125, 8.7724



13.8657, 6.9550, 9.3701



0.3620, 0.1791, 0.3580

Previews

White Background



This preview shows how the XYZ color 26.5293, 34.1913, 30.0123 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 26.5293, 34.1913, 30.0123 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 26.5293, 34.1913, 30.0123

Background



This preview shows how black text looks on a background with the XYZ color 26.5293, 34.1913, 30.0123.



This preview shows how white text looks on a background with the XYZ color 26.5293, 34.1913,

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

26.5293, 34.1913, 30.0123

Protanopia

32.0859, 33.9422, 27.4146

Deuteranopia

34.6224, 33.9351, 31.1109



Tritanopia

29.8155, 34.1609, 46.6172

Trichromacy



Original Color

26.5293, 34.1913, 30.0123

Protanomaly

29.5832, 33.6569, 28.2298

Deuteranomaly

31.0894, 33.6050, 30.8344

Tritanomaly

28.5054, 34.1637, 40.2138

Monochromacy



Original Color

26.5293, 34.1913, 30.0123

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.1408, 32.0493, 32.3067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5293, 34.1913, 30.0123 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(119, 169, 140)` looks like.

```
.text, #text, p{  
    color:rgb(119, 169, 140)  
}
```

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(119, 169, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 169, 140) }
```

Border

The CSS property to change the border of an element to XYZ 26.5293, 34.1913, 30.0123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

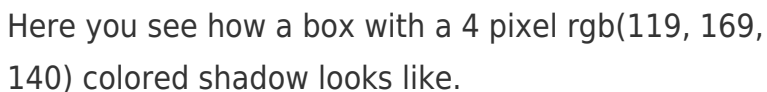
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 169, 140) }
```


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

```
.border{ border-color:rgb(119, 169, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 169, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 169, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 169, 140); box-shadow:4px 4px 4px 4px rgb(119, 169, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5293, 34.1913, 30.0123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 169, 140) }
```

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

```
.background{ background-color: rgb(119,  
169, 140) }
```

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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