

Converting Colors

XYZ(26.1348, 40.7007, 29.6859)

Have a look what the booklet for
XYZ(26.1348, 40.7007, 29.6859)
contains.

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Color

**XYZ(26.1353, 40.6170,
29.7549)**

Conversions

Conversions Part 1

Format	Color
Hex	4DBF88
RGB	77, 191, 136
RGB Percent	30%, 75%, 53%
CMY	0.6980, 0.2510, 0.4667
CMYK	0.60, 0.00, 0.29, 0.25
HSL	151°, 47%, 53%
HSV	151°, 60%, 75%
XYZ	26.1353, 40.6170, 29.7549
YIQ	150.6440, -50.2890, -41.2730

Conversions

Conversions Part 2

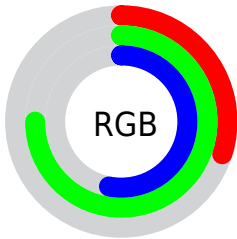
Format	Color
RYB	77, 152, 191
Decimal	5095304
CIELab	69.91, -45.15, 18.33
CIELCh	70, 48.729, 157.906
Yxy	40.6170, 0.2708, 0.4209
Android (android.graphics.Color)	4283285384 (0xFF4DBF88)
YUV	150.6440, -7.2195, -64.5858
Hunter-Lab	63.7315, -38.3299, 16.9308

Details

The XYZ color **26.1353, 40.6170, 29.7549** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **28.3059, 18.0510, 23.8236**, and the grayscale version is **29.3094, 30.8358, 33.5802**.

A 20% lighter version of the original color is **53.0150, 76.0867, 60.6072**, and **10.6254, 18.5632, 11.8271** is the 20% darker color. If you saturate the color by 10%, you get **24.1877, 39.6865, 26.3912**, and if you desaturate by 10%, it is **28.5938, 41.8065, 33.4383**.

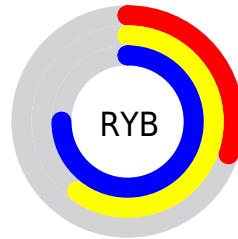
Distribution



Red (30%)

Green (75%)

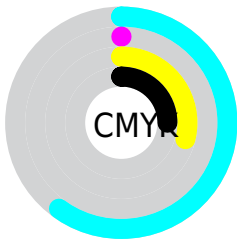
Blue (53%)



Red (30%)

Yellow (60%)

Blue (75%)

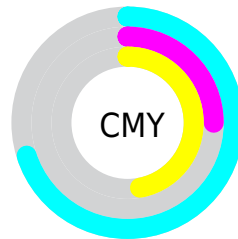


Cyan (60%)

Magenta (0%)

Yellow (29%)

Black (25%)



Cyan (70%)

Magenta (25%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1353, 40.6170, 29.7549 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 26.1353, 40.6170, 29.7549 by changing the saturation by 10% instead.

■ 26.1353, 40.6170,
29.7549

■ 26.1353, 40.6170,
29.7549

275.6902,
348.7173, 314.9320

■ 17.0581, 28.0199,
19.4022

■ 52.9229, 76.1021,
60.3308

■ 10.3715, 18.3407,
11.7815

■ 71.3640, 99.7590,
81.3910

■ 5.7101, 11.1949,
6.4743

■ 93.6571, 127.8713,
106.8574

■ 2.7086, 6.1981,
3.0622

■ 120.1675,
160.8233, 137.1486

■ 1.0016, 2.9659,
1.1265

151.2607,
198.9996, 172.6831

■ 0.0000, 1.1139,
0.0000

187.3020,

■ 0.0000, 0.0000,

242.7844, 213.8795

0.0000

228.6567,
292.5622, 261.1563

■ 26.1353, 40.6170,
29.7549

■ 26.1353, 40.6170,
29.7549

■ 24.1877, 39.6865,
26.3912

■ 28.5938, 41.8065,
33.4383

■ 22.7054, 38.9884,
23.3350

■ 31.5973, 43.2693,
37.4474

■ 21.6398, 38.4990,
20.5774

■ 35.1806, 45.0241,
41.7916

■ 20.8979, 38.1706,
18.1059

■ 39.3743, 47.0866,
46.4790

■ 20.8766, 38.1611,
18.0325

■ 44.2073, 49.4716,
51.5173

■ 49.7061, 52.1926,
56.9141

■ 55.8959, 55.2624,
62.6765

■ 62.8007, 58.6933,
68.8116

■ 70.4430, 62.4968,
75.3263

Harmonies

Analogous

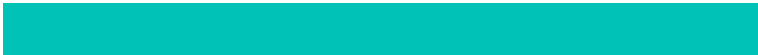
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.9783, 40.6170, 17.9512



26.1353, 40.6170, 29.7549



25.3912, 40.6170, 50.5044

Triad

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



26.1353, 40.6170, 29.7549



40.7397, 40.6170, 103.0787



51.9227, 40.6170, 22.4635

Complementary

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



26.1353, 40.6170, 29.7549



28.3059, 18.0510, 23.8236

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.



55.7547, 40.6170, 38.4889



26.1353, 40.6170, 29.7549



48.7463, 40.6170, 88.3792

Square

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



26.1353, 40.6170, 29.7549



33.1516, 40.6170, 98.2506



54.5191, 40.6170, 62.7584



44.6264, 40.6170, 14.8570

Rectangle

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



26.1353, 40.6170, 29.7549



26.6420, 40.6170, 67.9606



54.5191, 40.6170, 62.7584



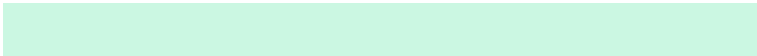
53.7012, 40.6170, 26.7804

Sweetspot

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



26.1364, 40.6186, 29.7558



71.6589, 84.8918, 84.4663



29.5030, 42.7128, 13.7110



15.2136, 18.3843, 17.9848



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.1364, 40.6186, 29.7558



42.3112, 70.5987, 45.3126



30.6850, 41.7794, 55.7392



9.6094, 10.7299, 11.1924



13.7601, 25.0943, 12.0656



0.5719, 0.9961, 0.6460

Inverse Universe

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



28.3059, 18.0510, 23.8236



46.5570, 26.4986, 33.7512



25.6153, 17.1906, 8.9896



9.7167, 9.6110, 10.8973



15.4344, 7.8049, 7.5813



0.6376, 0.3190, 0.4711

Previews

White Background



This preview shows how the XYZ color 26.1353, 40.6170, 29.7549 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 26.1353, 40.6170, 29.7549 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

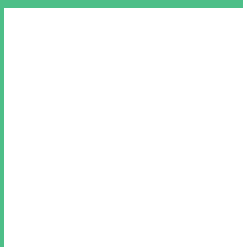
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1353, 40.6170, 29.7549

Background



This preview shows how black text looks on a background with the XYZ color 26.1353, 40.6170, 29.7549.



This preview shows how white text looks on a background with the XYZ color 26.1353, 40.6170,

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

26.1353, 40.6170, 29.7549

Protanopia

37.2453, 39.8274, 25.4631

Deuteranopia

40.7446, 39.8831, 31.1419



Tritanopia

32.0563, 40.4856, 59.5510

Trichromacy



Original Color

26.1353, 40.6170, 29.7549



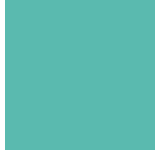
Protanomaly

31.2530, 38.9853, 26.9968



Deuteranomaly

32.8141, 38.5529, 30.5229



Tritanomaly

29.5132, 40.3866, 46.7973

Monochromacy



Original Color

26.1353, 40.6170, 29.7549



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

27.1367, 33.6328, 32.2557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1353, 40.6170, 29.7549 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(77, 191, 136)` looks like.

```
.text, #text, p{  
    color:rgb(77, 191, 136)  
}
```

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(77, 191, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 191, 136) }
```

Border

The CSS property to change the border of an element to XYZ 26.1353, 40.6170, 29.7549 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(77, 191, 136) }
```


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

```
.border{ border-color:rgb(77, 191, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 191, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 191, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 191, 136);  
box-shadow:4px 4px 4px 4px rgb(77, 191,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1353, 40.6170, 29.7549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 191, 136) }
```

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

```
.background{ background-color: rgb(77, 191,  
136) }
```

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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