

Converting Colors

XYZ(26.0023, 40.5838, 21.4984)

Have a look what the booklet for
XYZ(26.0023, 40.5838, 21.4984)
contains.

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Color

**XYZ(26.1161, 40.7890,
21.5355)**

Conversions

Conversions Part 1

Format	Color
Hex	5EBF6F
RGB	94, 191, 111
RGB Percent	37%, 75%, 44%
CMY	0.6314, 0.2510, 0.5647
CMYK	0.51, 0.00, 0.42, 0.25
HSL	131°, 43%, 56%
HSV	131°, 51%, 75%
XYZ	26.1161, 40.7890, 21.5355
YIQ	152.8770, -32.1320, -45.4440

Conversions

Conversions Part 2

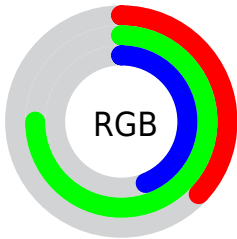
Format	Color
RYB	94, 177, 191
Decimal	6209391
CIELab	70.03, -45.75, 31.80
CIElCh	70, 55.716, 145.202
Yxy	40.7890, 0.2953, 0.4612
Android (android.graphics.Color)	4284399471 (0xFF5EBF6F)
YUV	152.8770, -20.6454, -51.6351
Hunter-Lab	63.8663, -38.7740, 24.7140

Details

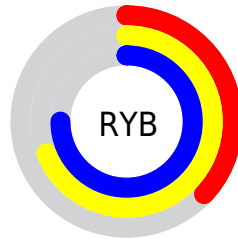
The XYZ color **26.1161, 40.7890, 21.5355** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **33.1297, 22.1384, 42.5725**, and the grayscale version is **30.3225, 31.9017, 34.7409**.

A 20% lighter version of the original color is **52.8459, 76.2992, 47.0639**, and **10.4108, 18.5462, 7.5885** is the 20% darker color. If you saturate the color by 10%, you get **23.6024, 39.5858, 17.2829**, and if you desaturate by 10%, it is **29.2695, 42.3066, 26.6183**.

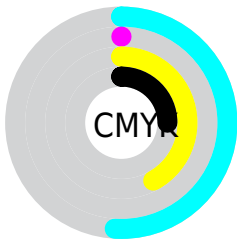
Distribution



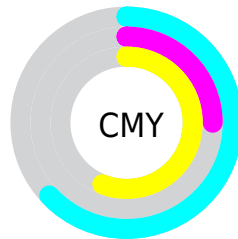
- Red (37%)
- Green (75%)
- Blue (44%)



- Red (37%)
- Yellow (69%)
- Blue (75%)



- Cyan (51%)
- Magenta (0%)
- Yellow (42%)
- Black (25%)



- Cyan (63%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1161, 40.7890, 21.5355 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 26.1161, 40.7890, 21.5355 by changing the saturation by 10% instead.

■ 26.1161, 40.7890,
21.5355

■ 26.1161, 40.7890,
21.5355

275.5978,
349.4380, 272.9848

■ 17.0437, 28.1542,
13.3210

■ 52.8922, 76.3635,
46.8694

■ 10.3611, 18.4420,
7.5166

■ 71.3265, 100.0720,
64.8258

■ 5.7031, 11.2678,
3.7039

■ 93.6121, 128.2406,
86.8665

■ 2.7044, 6.2472,
1.4644

■ 120.1145,
161.2536, 113.4102

■ 0.9994, 2.9960,
0.1912

151.1988,
199.4955, 144.8753

■ 0.0000, 1.1296,
0.0000

187.2306,

■ 0.0000, 0.0031,

243.3505, 181.6804

0.0000

228.5751,
293.2032, 224.2441

■ 0.0000, 0.0000,
0.0000

■ 26.1161, 40.7890,
21.5355

■ 26.1161, 40.7890,
21.5355

■ 23.6024, 39.5858,
17.2829

■ 29.2695, 42.3066,
26.6183

■ 21.6808, 38.6700,
13.8137

■ 33.0995, 44.1533,
32.5693

■ 20.3020, 38.0183,
11.0806

■ 37.6442, 46.3490,
39.4275

■ 19.4070, 37.6013,
9.0303

■ 42.9375, 48.9107,
47.2286

■ 18.9129, 37.3757,
7.6915

■ 49.0114, 51.8539,
56.0066

■ 55.8960, 55.1935,
65.7935

■ 63.6197, 58.9436,
76.6202

■ 72.2097, 63.1175,
88.5159

■ 77.5656, 65.6008,
101.3159

Harmonies

Analogous

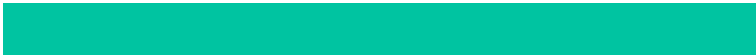
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.7934, 40.7890, 12.7752



26.1161, 40.7890, 21.5355



23.8316, 40.7890, 40.3561

Triad

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



26.1161, 40.7890, 21.5355



37.3253, 40.7890, 115.2839



56.8280, 40.7890, 26.3280

Complementary

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



26.1161, 40.7890, 21.5355



33.1297, 22.1384, 42.5725

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.



58.9207, 40.7890, 48.7315



26.1161, 40.7890, 21.5355



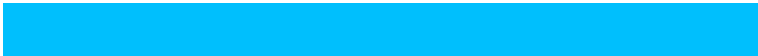
46.6963, 40.7890, 106.8324

Square

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



26.1161, 40.7890, 21.5355



29.6264, 40.7890, 99.4917



54.9626, 40.7890, 79.5349



49.6214, 40.7890, 14.6876

Rectangle

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



26.1161, 40.7890, 21.5355



24.2317, 40.7890, 58.8713



54.9626, 40.7890, 79.5349



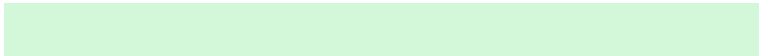
58.1963, 40.7890, 32.5387

Sweetspot

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



26.1171, 40.7907, 21.5364



72.5087, 85.4706, 78.1514



38.2946, 47.1665, 17.6755



15.4814, 18.5552, 16.5108



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.



26.1171, 40.7907, 21.5364



41.8106, 70.6758, 30.1480



29.4771, 42.1347, 39.2299



9.4752, 10.6762, 10.4860



12.4501, 24.5703, 5.1669



0.5090, 0.9710, 0.3146

Inverse Universe

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



33.1297, 22.1384, 42.5725



55.7454, 33.5044, 71.8691



29.2771, 20.5974, 22.2848



9.8562, 9.6668, 11.6319



18.1757, 8.9014, 22.0168



0.7311, 0.3563, 0.9634

Previews

White Background



This preview shows how the XYZ color 26.1161, 40.7890, 21.5355 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 26.1161, 40.7890, 21.5355 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 26.1161, 40.7890, 21.5355

Background



This preview shows how black text looks on a background with the XYZ color 26.1161, 40.7890, 21.5355.



This preview shows how white text looks on a background with the XYZ color 26.1161, 40.7890,

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

26.1161, 40.7890, 21.5355

Protanopia

37.0726, 40.1678, 18.6312

Deuteranopia

40.9958, 40.1989, 22.7380



Tritanopia

33.4271, 40.6107, 58.3014

Trichromacy



Original Color

26.1161, 40.7890, 21.5355



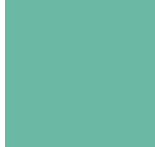
Protanomaly

31.6588, 39.6537, 19.6210



Deuteranomaly

33.1423, 38.9115, 21.9835



Tritanomaly

30.2039, 40.5403, 41.8305

Monochromacy



Original Color

26.1161, 40.7890, 21.5355



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.9219, 34.3779, 29.2087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1161, 40.7890, 21.5355 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(94, 191, 111)` looks like.

```
.text, #text, p{  
    color:rgb(94, 191, 111)  
}
```

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(94, 191, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 191, 111) }
```

Border

The CSS property to change the border of an element to XYZ 26.1161, 40.7890, 21.5355 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(94, 191, 111) }
```


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

```
.border{ border-color:rgb(94, 191, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 191, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 191, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 191, 111);  
box-shadow:4px 4px 4px 4px rgb(94, 191,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1161, 40.7890, 21.5355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 191, 111) }
```

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

```
.background{ background-color: rgb(94, 191,  
111) }
```

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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