

Converting Colors

XYZ(26.0873, 39.3444, 26.1794)

Have a look what the booklet for
XYZ(26.0873, 39.3444, 26.1794)
contains.

XYZ(26.1153, 39.4001, 26.3072)	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(26.1153, 39.4001,
26.3072)**

Conversions

Conversions Part 1

Format	Color
Hex	5DBB7F
RGB	93, 187, 127
RGB Percent	36%, 73%, 50%
CMY	0.6353, 0.2667, 0.5020
CMYK	0.50, 0.00, 0.32, 0.27
HSL	142°, 41%, 55%
HSV	142°, 50%, 73%
XYZ	26.1153, 39.4001, 26.3072
YIQ	152.0540, -36.7640, -38.5880

Conversions

Conversions Part 2

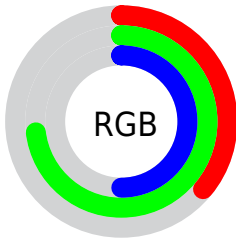
Format	Color
RYB	93, 162, 187
Decimal	6142847
CIELab	69.04, -41.50, 22.05
CIElCh	69, 46.995, 152.011
Yxy	39.4001, 0.2844, 0.4291
Android (android.graphics.Color)	4284332927 (0xFF5DBB7F)
YUV	152.0540, -12.3516, -51.7904
Hunter-Lab	62.7695, -35.5816, 19.0897

Details

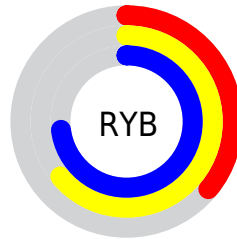
The XYZ color **26.1153, 39.4001, 26.3072** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **30.1589, 20.6943, 32.5434**, and the grayscale version is **29.9322, 31.4910, 34.2937**.

A 20% lighter version of the original color is **52.9833, 74.3862, 54.7455**, and **10.3543, 17.6342, 9.8792** is the 20% darker color. If you saturate the color by 10%, you get **23.7166, 38.2493, 22.3722**, and if you desaturate by 10%, it is **29.0710, 40.8296, 30.7512**.

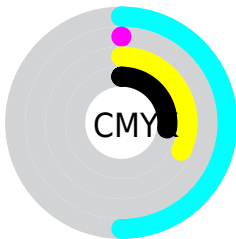
Distribution



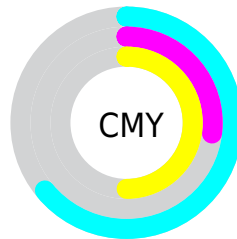
- Red (36%)
- Green (73%)
- Blue (50%)



- Red (36%)
- Yellow (64%)
- Blue (73%)



- Cyan (50%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)





- Cyan (64%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1153, 39.4001, 26.3072 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 26.1153, 39.4001, 26.3072 by changing the saturation by 10% instead.


 26.1153, 39.4001,
26.3072


 26.1153, 39.4001,
26.3072


275.5939,
343.5886, 297.9402


 17.0431, 27.0711,
16.8258


 52.8909, 74.2491,
54.7603


 10.3607, 17.6266,
9.9497


 71.3249, 97.5380,
74.5690

 5.7028, 10.6823,
5.2605


 93.6102, 125.2489,
98.6573

 2.7042, 5.8536,
2.3395

 120.1122,
157.7663, 127.4436

 0.9993, 2.7563,
0.7532

151.1963,
195.4746, 161.3465

 0.0000, 1.0059,
0.0000

187.2276,

 0.0000, 0.0000,

238.7581, 200.7845

0.0000

228.5718,
288.0013, 246.1762

■ 26.1153, 39.4001,
26.3072

■ 26.1153, 39.4001,
26.3072

■ 23.7166, 38.2493,
22.3722

■ 29.0710, 40.8296,
30.7512

■ 21.8344, 37.3533,
18.9250

■ 32.6146, 42.5501,
35.7189

■ 20.4271, 36.6922,
15.9467

■ 36.7782, 44.5789,
41.2280

■ 19.4449, 36.2409,
13.4164

■ 41.5908, 46.9306,
47.2942

■ 18.8034, 35.9551,
11.3601

■ 47.0792, 49.6188,
53.9328

■ 53.2690, 52.6562,
61.1584

■ 60.1843, 56.0551,
68.9852

■ 67.8480, 59.8270,
77.4267

■ 73.9243, 62.7674,
86.3857

Harmonies

Analogous

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



30.3206, 39.4001, 16.5670



26.1153, 39.4001, 26.3072



24.8196, 39.4001, 44.3642

Triad

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



26.1153, 39.4001, 26.3072



37.9565, 39.4001, 98.7404



51.0378, 39.4001, 24.5383

Complementary

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



26.1153, 39.4001, 26.3072



30.1589, 20.6943, 32.5434

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.



53.7664, 39.4001, 41.4684



26.1153, 39.4001, 26.3072



45.6144, 39.4001, 88.2457

Square

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



26.1153, 39.4001, 26.3072



31.0877, 39.4001, 90.6083



51.6618, 39.4001, 65.3166



44.6230, 39.4001, 15.8110

Rectangle

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



26.1153, 39.4001, 26.3072



25.6193, 39.4001, 60.2920



51.6618, 39.4001, 65.3166



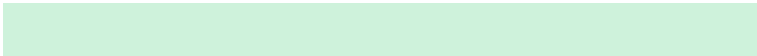
52.4524, 39.4001, 29.2225

Sweetspot

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



26.1163, 39.4017, 26.3081



70.0494, 81.8799, 79.1686



33.0929, 43.2126, 16.9530



15.0298, 17.8378, 16.9324



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.1163, 39.4017, 26.3081



42.2083, 68.3741, 39.6048



29.8189, 40.8827, 45.8056



9.5476, 10.7051, 10.8669



12.9870, 24.7851, 7.9945



0.5404, 0.9835, 0.4800

Inverse Universe

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



30.1589, 20.6943, 32.5434



50.2283, 31.1561, 51.8971



27.0681, 19.4580, 16.2672



9.7795, 9.6361, 11.2279



16.4651, 8.2172, 13.0086



0.6752, 0.3340, 0.6691

Previews

White Background



This preview shows how the XYZ color 26.1153, 39.4001, 26.3072 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 26.1153, 39.4001, 26.3072 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 26.1153, 39.4001, 26.3072

Background



This preview shows how black text looks on a background with the XYZ color 26.1153, 39.4001, 26.3072.

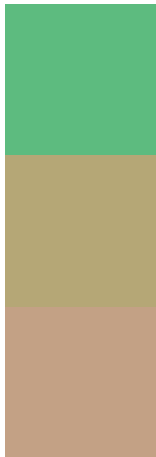


This preview shows how white text looks on a background with the XYZ color 26.1153, 39.4001,

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

26.1153, 39.4001, 26.3072

Protanopia

36.1448, 38.7692, 22.7177

Deuteranopia

39.4842, 38.7853, 27.5956



Tritanopia

32.1761, 39.4055, 56.3622

Trichromacy



Original Color

26.1153, 39.4001, 26.3072



Protanomaly

30.9817, 38.0421, 23.7991



Deuteranomaly

32.5720, 37.6572, 27.0246



Tritanomaly

29.5983, 39.2635, 43.5547

Monochromacy



Original Color

26.1153, 39.4001, 26.3072



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

27.7731, 33.7187, 31.0312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1153, 39.4001, 26.3072 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(93, 187, 127)` looks like.

```
.text, #text, p{  
    color:rgb(93, 187, 127)  
}
```

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(93, 187, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 187, 127) }
```

Border

The CSS property to change the border of an element to XYZ 26.1153, 39.4001, 26.3072 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(93, 187, 127) }
```


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

```
.border{ border-color:rgb(93, 187, 127) }
```

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

Here you see how a box with a 4 pixel rgb(93, 187, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 187, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 187, 127);  
box-shadow:4px 4px 4px 4px rgb(93, 187,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1153, 39.4001, 26.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 187, 127) }
```

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

```
.background{ background-color: rgb(93, 187,  
127) }
```

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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