

Converting Colors

XYZ(25.7238, 45.9555, 25.5060)

Have a look what the booklet for
XYZ(25.7238, 45.9555, 25.5060)
contains.

| | |
|--|----|
| XYZ(25.7640, 46.0061, 25.6113) | 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(25.7640, 46.0061,
25.6113)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00CF79 |
| RGB | 0, 207, 121 |
| RGB Percent | 0%, 81%, 47% |
| CMY | 0.9999, 0.1882, 0.5255 |
| CMYK | 1.00, 0.00, 0.42, 0.19 |
| HSL | 155°, 100%, 41% |
| HSV | 155°, 100%, 81% |
| XYZ | 25.7640, 46.0061, 25.6113 |
| YIQ | 135.3030, -95.7660, -70.6300 |

Conversions

Conversions Part 2

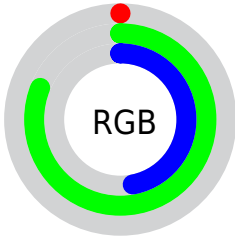
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 131, 207 |
| Decimal | 53113 |
| CIELab | 73.55, -62.40, 30.94 |
| CIELCh | 74, 69.648, 153.628 |
| Yxy | 46.0061, 0.2646, 0.4724 |
| Android (android.graphics.Color) | 4278243193 (0xFF00CF79) |
| YUV | 135.3030, -7.0514, -118.6607 |
| Hunter-Lab | 67.8278, -50.8964, 25.0920 |

Details

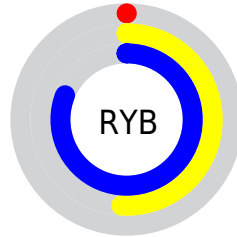
The XYZ color **25.7640, 46.0061, 25.6113** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **27.4136, 13.9384, 10.0530**, and the grayscale version is **23.1948, 24.4028, 26.5746**.

A 20% lighter version of the original color is **48.8795, 77.4008, 52.4080**, and **12.2039, 22.5881, 9.6780** is the 20% darker color. If you saturate the color by 10%, you get **25.7646, 46.0077, 25.6104**, and if you desaturate by 10%, it is **26.6196, 46.3847, 28.5298**.

Distribution



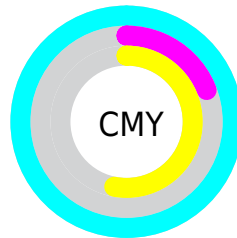
- Red (0%)
- Green (81%)
- Blue (47%)



- Red (0%)
- Yellow (51%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (19%)





- Cyan (100%)
- Magenta (19%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7640, 46.0061, 25.6113 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 25.7640, 46.0061, 25.6113 by changing the saturation by 10% instead.


 25.7640, 46.0061,
25.6113


 25.7640, 46.0061,
25.6113


273.8996,
370.8332, 294.4132


 16.7789, 32.2506,
16.3099


 52.3280, 84.2281,
53.6236


 10.1713, 21.5530,
9.5870


 70.6376, 109.4635,
73.1715


 5.5758, 13.5288,
5.0240


 92.7861, 139.2942,
96.9721

 2.6271, 7.7937,
2.2024

 119.1389,
174.1048, 125.4439

 0.9598, 3.9632,
0.6757

 150.0613,
214.2796, 159.0053

 0.0000, 1.6530,
0.0000

185.9186,

 0.0000, 0.3930,

260.2030, 198.0750

0.0000

227.0763,
312.2594, 243.0715

■ 0.0000, 0.0000,
0.0000

■ 25.7640, 46.0061,
25.6113

■ 25.7640, 46.0061,
25.6113

■ 25.7646, 46.0077,
25.6104

■ 26.6196, 46.3847,
28.5298

■ 27.8470, 46.9482,
31.7164

■ 29.5587, 47.7556,
35.1833

■ 31.8152, 48.8382,
38.9389

■ 34.6680, 50.2221,
42.9914

■ 38.1620, 51.9305,
47.3481

■ 42.3379, 53.9843,
52.0163

■ 47.2328, 56.4023,
57.0026

■ 52.8809, 59.2024,
62.3137

Harmonies

Analogous

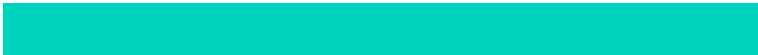
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.8851, 46.0061, 12.1941



25.7640, 46.0061, 25.6113



24.1031, 46.0061, 54.5061

Triad

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



25.7640, 46.0061, 25.6113



45.2424, 46.0061, 152.7756



66.5461, 46.0061, 21.1484

Complementary

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



25.7640, 46.0061, 25.6113



27.4136, 13.9384, 10.0530

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.



71.8597, 46.0061, 45.9245



25.7640, 46.0061, 25.6113



58.1896, 46.0061, 130.3944

Square

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



25.7640, 46.0061, 25.6113



34.0333, 46.0061, 138.6812



68.5475, 46.0061, 86.6420



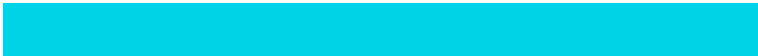
55.1070, 46.0061, 10.5970

Rectangle

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



25.7640, 46.0061, 25.6113



25.4288, 46.0061, 82.4713



68.5475, 46.0061, 86.6420



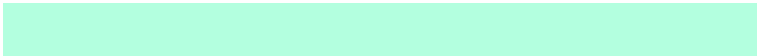
69.1960, 46.0061, 27.5390

Sweetspot

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



25.7652, 46.0079, 25.6124



67.5834, 86.3836, 83.0760



26.1755, 46.6181, 7.6190



13.8288, 18.1760, 17.0869



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



25.7652, 46.0079, 25.6124



41.1889, 73.6915, 40.5081



29.6234, 41.2259, 65.4298



11.9419, 13.3205, 14.0507



16.2804, 29.0051, 16.3884



0.9493, 1.6374, 1.1219

Inverse Universe

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



27.4136, 13.9384, 10.0530



43.8389, 22.2996, 15.6155



25.9377, 13.6751, 1.2729



12.0095, 11.8885, 13.3260



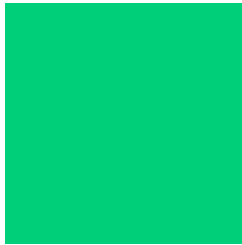
17.3156, 8.7991, 6.5679



1.0073, 0.5076, 0.5732

Previews

White Background



This preview shows how the XYZ color 25.7640, 46.0061, 25.6113 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 25.7640, 46.0061, 25.6113 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

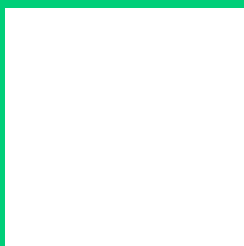
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7640, 46.0061, 25.6113

Background



This preview shows how black text looks on a background with the XYZ color 25.7640, 46.0061, 25.6113.

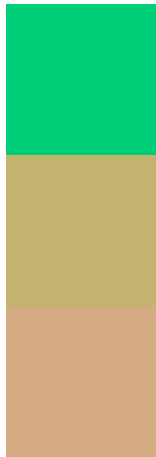


This preview shows how white text looks on a background with the XYZ color 25.7640, 46.0061,

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

25.7640, 46.0061, 25.6113

Protanopia

41.6995, 45.1018, 21.2596

Deuteranopia

46.1555, 45.2362, 27.0677



Tritanopia

34.6041, 45.7698, 69.2980

Trichromacy



Original Color

25.7640, 46.0061, 25.6113



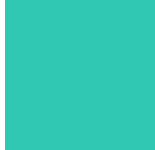
Protanomaly

29.6923, 41.9701, 22.4557



Deuteranomaly

31.2682, 41.4385, 26.0891



Tritanomaly

30.0099, 45.1916, 49.7890

Monochromacy



Original Color

25.7640, 46.0061, 25.6113



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

20.6119, 29.0799, 25.6457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7640, 46.0061, 25.6113 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(0, 207, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 121)  
}
```

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(0, 207, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 121) }
```

Border

The CSS property to change the border of an element to XYZ 25.7640, 46.0061, 25.6113 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(0, 207, 121) }
```


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

```
.border{ border-color:rgb(0, 207, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 207, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 207,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7640, 46.0061, 25.6113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 121) }
```

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

```
.background{ background-color: rgb(0, 207,  
121) }
```

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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