

Converting Colors

XYZ(25.3520, 46.6622, 20.9110)

Have a look what the booklet for
XYZ(25.3520, 46.6622, 20.9110)
contains.

XYZ(25.3503, 46.6208, 21.0272)	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(25.3503, 46.6208,
21.0272)**

Conversions

Conversions Part 1

Format	Color
Hex	00D169
RGB	0, 209, 105
RGB Percent	0%, 82%, 41%
CMY	0.9999, 0.1804, 0.5882
CMYK	1.00, 0.00, 0.50, 0.18
HSL	150°, 100%, 41%
HSV	150°, 100%, 82%
XYZ	25.3503, 46.6208, 21.0272
YIQ	134.6530, -91.1800, -76.6520

Conversions

Conversions Part 2

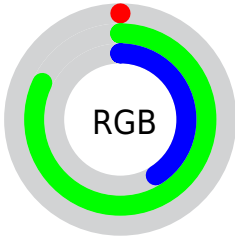
Format	Color
RYB	0, 139, 209
Decimal	53609
CIELab	73.95, -65.85, 39.48
CIELCh	74, 76.778, 149.058
Yxy	46.6208, 0.2726, 0.5013
Android (android.graphics.Color)	4278243689 (0xFF00D169)
YUV	134.6530, -14.6189, -118.0907
Hunter-Lab	68.2794, -53.2168, 29.5368

Details

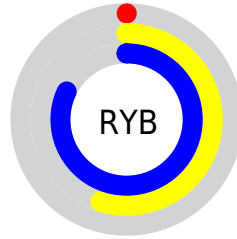
The XYZ color **25.3503, 46.6208, 21.0272** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **28.7952, 14.5560, 14.3934**, and the grayscale version is **22.9797, 24.1765, 26.3282**.

A 20% lighter version of the original color is **47.5251, 76.8722, 44.6807**, and **12.0808, 23.0583, 7.4284** is the 20% darker color. If you saturate the color by 10%, you get **25.3508, 46.6224, 21.0259**, and if you desaturate by 10%, it is **26.2266, 47.0082, 24.0329**.

Distribution



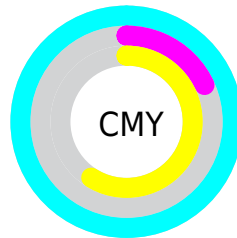
- Red (0%)
- Green (82%)
- Blue (41%)



- Red (0%)
- Yellow (55%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3503, 46.6208, 21.0272 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 25.3503, 46.6208, 21.0272 by changing the saturation by 10% instead.

■ 25.3503, 46.6208,
21.0272

■ 25.3503, 46.6208,
21.0272

271.8936,
373.2989, 270.2088

■ 16.4684, 32.7360,
12.9524

■ 51.6638, 85.1473,
46.0142

■ 9.9491, 21.9243,
7.2655

■ 69.8260, 110.5578,
63.7635

■ 5.4272, 13.8013,
3.5477

■ 91.8123, 140.5790,
85.5747

■ 2.5374, 7.9826,
1.3807

■ 117.9882,
175.5952, 111.8664

■ 0.9141, 4.0838,
0.1266

■ 148.7189,
215.9910, 143.0572

■ 0.0000, 1.7205,
0.0000

184.3698,

■ 0.0000, 0.4369,

262.1505, 179.5654

0.0000

225.3062,
314.4584, 221.8098

■ 0.0000, 0.0000,
0.0000

■ 25.3503, 46.6208,
21.0272

■ 25.3503, 46.6208,
21.0272

■ 25.3508, 46.6224,
21.0259

■ 26.2266, 47.0082,
24.0329

■ 27.5020, 47.5923,
27.4094

■ 29.2918, 48.4335,
31.1740

■ 31.6590, 49.5641,
35.3404

■ 34.6571, 51.0114,
39.9212

■ 38.3330, 52.7994,
44.9284

■ 42.7290, 54.9496,
50.3734

■ 47.8840, 57.4820,
56.2672

■ 53.8337, 60.4147,
62.6203

Harmonies

Analogous

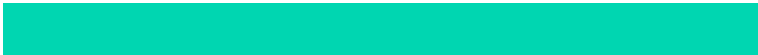
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.7157, 46.6208, 9.2644



25.3503, 46.6208, 21.0272



22.8574, 46.6208, 49.5330

Triad

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



25.3503, 46.6208, 21.0272



43.8804, 46.6208, 169.6220



71.5372, 46.6208, 22.2426

Complementary

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



25.3503, 46.6208, 21.0272



28.7952, 14.5560, 14.3934

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.



76.1900, 46.6208, 52.0114



25.3503, 46.6208, 21.0272



58.3674, 46.6208, 149.3032

Square

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



25.3503, 46.6208, 21.0272



32.1073, 46.6208, 146.7738



70.9434, 46.6208, 100.2333



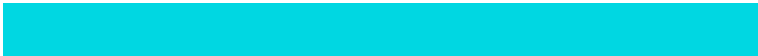
59.2726, 46.6208, 9.6689

Rectangle

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



25.3503, 46.6208, 21.0272



23.7958, 46.6208, 79.5752



70.9434, 46.6208, 100.2333



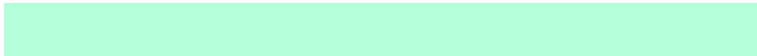
74.1427, 46.6208, 29.9088

Sweetspot

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



25.3515, 46.6227, 21.0283



66.7504, 86.0504, 78.6893



28.5697, 48.5763, 7.8709



13.6314, 18.0971, 16.0473



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.



25.3515, 46.6227, 21.0283



39.6629, 73.0812, 32.4725



34.3106, 50.2063, 68.2062



11.9005, 13.3039, 13.8323



15.6798, 28.7649, 13.2259



0.9168, 1.6244, 0.9504

Inverse Universe

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



28.7952, 14.5560, 14.3934



45.0642, 22.7897, 22.0679



26.2957, 13.5562, 1.2312



12.0505, 11.9050, 13.5419



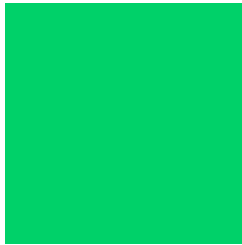
17.8030, 8.9940, 9.1347



1.0355, 0.5189, 0.7217

Previews

White Background



This preview shows how the XYZ color 25.3503, 46.6208, 21.0272 looks on a white background.

Color Contrast Check

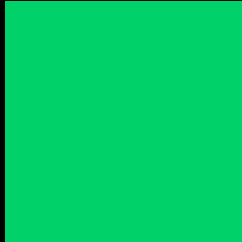
Large Text (above 18pt) WCAG AA × Fail

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 25.3503, 46.6208, 21.0272 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

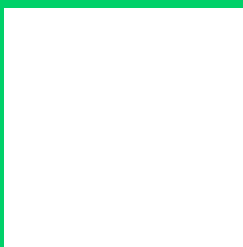
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3503, 46.6208, 21.0272

Background



This preview shows how black text looks on a background with the XYZ color 25.3503, 46.6208, 21.0272.



This preview shows how white text looks on a background with the XYZ color 25.3503, 46.6208,

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

25.3503, 46.6208, 21.0272

Protanopia

41.9400, 45.6109, 17.4198

Deuteranopia

46.4051, 45.4717, 22.2507



Tritanopia

35.2848, 46.4421, 70.0553

Trichromacy



Original Color

25.3503, 46.6208, 21.0272



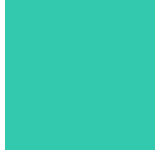
Protanomaly

29.6353, 42.6745, 18.4794



Deuteranomaly

30.6994, 41.2489, 21.3827



Tritanomaly

29.8919, 45.5331, 47.2577

Monochromacy



Original Color

25.3503, 46.6208, 21.0272



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

20.3962, 29.2743, 23.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3503, 46.6208, 21.0272 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, 209, 105)` looks like.

```
.text, #text, p{  
    color:rgb(0, 209, 105)  
}
```

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, 209, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 209, 105) }
```

Border

The CSS property to change the border of an element to XYZ 25.3503, 46.6208, 21.0272 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, 209, 105) }
```


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

```
.border{ border-color:rgb(0, 209, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 209, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 209, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 209, 105);  
box-shadow:4px 4px 4px 4px rgb(0, 209,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3503, 46.6208, 21.0272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 209, 105) }
```

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

```
.background{ background-color: rgb(0, 209,  
105) }
```

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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