

Converting Colors

XYZ(25.3808, 47.5346, 21.7185)

Have a look what the booklet for
XYZ(25.3808, 47.5346, 21.7185)
contains.

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Color

**XYZ(25.9481, 47.6501,
21.7397)**

Conversions

Conversions Part 1

Format	Color
Hex	00D36B
RGB	0, 211, 107
RGB Percent	0%, 83%, 42%
CMY	1.0000, 0.1725, 0.5804
CMYK	1.00, 0.00, 0.49, 0.17
HSL	150°, 100%, 41%
HSV	150°, 100%, 83%
XYZ	25.9481, 47.6501, 21.7397
YIQ	136.0550, -92.3720, -77.0760

Conversions

Conversions Part 2

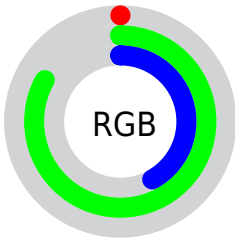
Format	Color
RYB	0, 140, 211
Decimal	54123
CIELab	74.60, -66.17, 39.32
CIELCh	75, 76.974, 149.283
Yxy	47.6501, 0.2722, 0.4998
Android (android.graphics.Color)	4278244203 (0xFF00D36B)
YUV	136.0550, -14.3241, -119.3202
Hunter-Lab	69.0291, -53.7025, 29.6478

Details

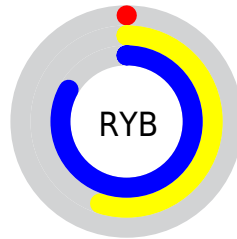
The XYZ color **25.9481, 47.6501, 21.7397** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **29.3643, 14.8493, 14.4178**, and the grayscale version is **23.5008, 24.7247, 26.9252**.

A 20% lighter version of the original color is **47.8141, 77.0011, 45.6003**, and **12.4599, 23.7381, 7.7961** is the 20% darker color. If you saturate the color by 10%, you get **25.9490, 47.6519, 21.7396**, and if you desaturate by 10%, it is **26.8414, 48.0449, 24.8131**.

Distribution



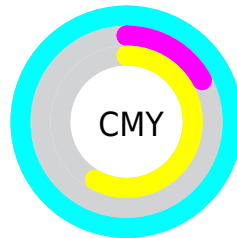
- Red (0%)
- Green (83%)
- Blue (42%)



- Red (0%)
- Yellow (55%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9481, 47.6501, 21.7397 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 25.9481, 47.6501, 21.7397 by changing the saturation by 10% instead.

■ 25.9481, 47.6501,
21.7397

■ 25.9481, 47.6501,
21.7397

274.7886,
377.4035, 274.0929

■ 16.9173, 33.5499,
13.4693

■ 52.6231, 86.6832,
47.2121

■ 10.2705, 22.5480,
7.6180

■ 70.9980, 112.3849,
65.2511

■ 5.6423, 14.2601,
3.7672

■ 93.2183, 142.7225,
87.3834

■ 2.6674, 8.3018,
1.4985

■ 119.6494,
178.0805, 114.0275

■ 0.9804, 4.2887,
0.2168

■ 150.6566,
218.8431, 145.6019

■ 0.0000, 1.8363,
0.0000

186.6053,

■ 0.0000, 0.5097,

265.3950, 182.5253

0.0000

227.8609,
318.1203, 225.2161

■ 0.0000, 0.0000,
0.0000

■ 25.9481, 47.6501,
21.7397

■ 25.9481, 47.6501,
21.7397

■ 25.9490, 47.6519,
21.7396

■ 26.8414, 48.0449,
24.8131

■ 28.1420, 48.6404,
28.2598

■ 29.9672, 49.4983,
32.0971

■ 32.3815, 50.6515,
36.3387

■ 35.4395, 52.1280,
40.9972

■ 39.1894, 53.9524,
46.0846

■ 43.6743, 56.1468,
51.6122

■ 48.9339, 58.7313,
57.5911

■ 55.0049, 61.7248,
64.0316

Harmonies

Analogous

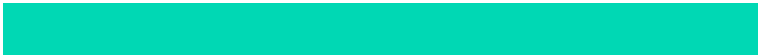
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.4136, 47.6501, 9.6192



25.9481, 47.6501, 21.7397



23.4429, 47.6501, 50.9285

Triad

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



25.9481, 47.6501, 21.7397



44.9555, 47.6501, 172.5644



72.8936, 47.6501, 22.6844

Complementary

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



25.9481, 47.6501, 21.7397



29.3643, 14.8493, 14.4178

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.



77.6920, 47.6501, 52.8491



25.9481, 47.6501, 21.7397



59.6919, 47.6501, 151.6478

Square

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



25.9481, 47.6501, 21.7397



32.9417, 47.6501, 149.6932



72.4341, 47.6501, 101.7474



60.3927, 47.6501, 9.9348

Rectangle

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



25.9481, 47.6501, 21.7397



24.4234, 47.6501, 81.5547



72.4341, 47.6501, 101.7474



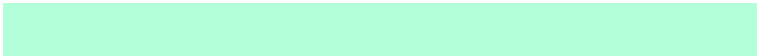
75.5620, 47.6501, 30.4535

Sweetspot

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



25.9493, 47.6520, 21.7408



66.7975, 86.0692, 78.9378



29.1806, 49.6244, 8.0407



13.6425, 18.1015, 16.1060



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

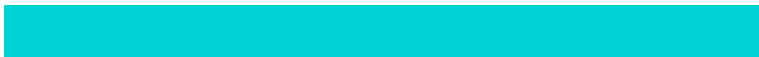
The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.9493, 47.6520, 21.7408



39.7430, 73.1132, 32.8942



35.0536, 51.2938, 69.6836



11.9028, 13.3049, 13.8448



15.7115, 28.7775, 13.3926



0.9185, 1.6251, 0.9597

Inverse Universe

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



29.3643, 14.8493, 14.4178



44.9860, 22.7584, 21.6562



26.8652, 13.8496, 1.2575



12.0482, 11.9040, 13.5294



17.7720, 8.9817, 8.9717



1.0337, 0.5182, 0.7125

Previews

White Background



This preview shows how the XYZ color 25.9481, 47.6501, 21.7397 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 25.9481, 47.6501, 21.7397 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 25.9481, 47.6501, 21.7397

Background



This preview shows how black text looks on a background with the XYZ color 25.9481, 47.6501, 21.7397.



This preview shows how white text looks on a background with the XYZ color 25.9481, 47.6501,

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

25.9481, 47.6501, 21.7397

Protanopia

42.9730, 46.7365, 18.0654

Deuteranopia

47.5019, 46.5931, 23.0128



Tritanopia

35.9974, 47.4586, 71.5531

Trichromacy



Original Color

25.9481, 47.6501, 21.7397



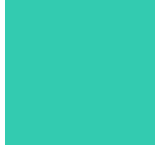
Protanomaly

30.3210, 43.6687, 19.1427



Deuteranomaly

31.3984, 42.2219, 22.1175



Tritanomaly

30.5576, 46.5503, 48.4488

Monochromacy



Original Color

25.9481, 47.6501, 21.7397



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

20.7293, 29.7013, 24.0424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9481, 47.6501, 21.7397 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, 211, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 211, 107)  
}
```

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, 211, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 211, 107) }
```

Border

The CSS property to change the border of an element to XYZ 25.9481, 47.6501, 21.7397 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, 211, 107) }
```


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

```
.border{ border-color:rgb(0, 211, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 211, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 211, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 211, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 211,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9481, 47.6501, 21.7397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 211, 107) }
```

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

```
.background{ background-color: rgb(0, 211,  
107) }
```

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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