

Converting Colors

XYZ(26.1485, 47.3632, 7.7651)

Have a look what the booklet for
XYZ(26.1485, 47.3632, 7.7651)
contains.

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Color

**XYZ(26.1087, 47.3064,
7.7550)**

Conversions

Conversions Part 1

Format	Color
Hex	50D100
RGB	80, 209, 0
RGB Percent	31%, 82%, 0%
CMY	0.6863, 0.1804, 0.9999
CMYK	0.62, 0.00, 1.00, 0.18
HSL	97°, 100%, 41%
HSV	97°, 100%, 82%
XYZ	26.1087, 47.3064, 7.7550
YIQ	146.6030, -9.7950, -92.3470

Conversions

Conversions Part 2

Format	Color
RYB	0, 209, 129
Decimal	5296384
CIELab	74.39, -64.57, 72.93
CIELCh	74, 97.406, 131.517
Yxy	47.3064, 0.3217, 0.5828
Android (android.graphics.Color)	4283486464 (0xFF50D100)
YUV	146.6030, -72.2753, -58.4108
Hunter-Lab	68.7796, -52.6059, 41.4607

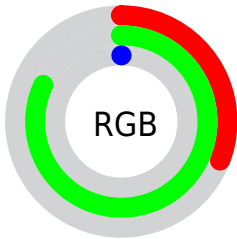
Details

The XYZ color **26.1087, 47.3064, 7.7550** is a dark color, and the websafe version is hex **33CC00**.

The color can be described as dark washed green. A complement of this color would be **20.5673, 9.2737, 61.0302**, and the grayscale version is **27.8632, 29.3142, 31.9232**.

A 20% lighter version of the original color is **48.8229, 78.0738, 20.6801**, and **11.3912, 22.7825, 3.7971** is the 20% darker color. If you saturate the color by 10%, you get **26.1083, 47.3077, 7.7552**, and if you desaturate by 10%, it is **27.4403, 47.9788, 8.5205**.

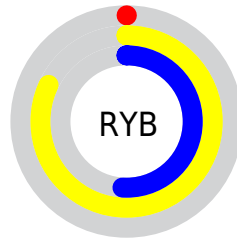
Distribution



Red (31%)

Green (82%)

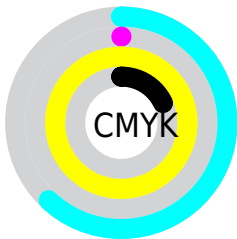
Blue (0%)



Red (0%)

Yellow (82%)

Blue (51%)

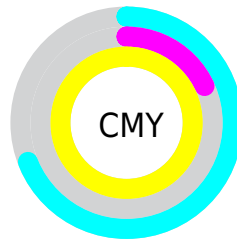


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (69%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1087, 47.3064, 7.7550 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 26.1087, 47.3064, 7.7550 by changing the saturation by 10% instead.

■ 26.1087, 47.3064,
7.7550

■ 26.1087, 47.3064,
7.7550

275.5622,
376.0362, 183.6598

■ 17.0381, 33.2779,
3.8531

■ 52.8803, 86.1708,
22.0149

■ 10.3571, 22.3395,
1.5451

■ 71.3120, 111.7755,
33.2100

■ 5.7005, 14.1065,
0.2512

■ 93.5948, 142.0078,
47.6732

■ 2.7027, 8.1948,
0.0000

■ 120.0940,
177.2520, 65.8230

■ 0.9986, 4.2198,
0.0000

■ 151.1750,
217.8926, 88.0780

■ 0.0000, 1.7973,
0.0000

■ 187.2031,

■ 0.0000, 0.4855,

264.3139, 114.8568

0.0000

228.5437,
316.9003, 146.5779

■ 0.0000, 0.0000,
0.0000

■ 26.1087, 47.3064,
7.7550

■ 26.1087, 47.3064,
7.7550

■ 26.1083, 47.3077,
7.7552

■ 27.4403, 47.9788,
8.5205

■ 29.1368, 48.8210,
10.0620

■ 31.2584, 49.8599,
12.6392

■ 33.8416, 51.1111,
16.3930

■ 36.9179, 52.5884,
21.4425

■ 40.5156, 54.3041,
27.8921

■ 44.6608, 56.2695,
35.8356

■ 49.3775, 58.4952,
45.3586

■ 54.6882, 60.9909,
56.5402

Harmonies

Analogous

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



38.5602, 47.3064, 2.9978



26.1087, 47.3064, 7.7550



19.9626, 47.3064, 26.5553

Triad

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



26.1087, 47.3064, 7.7550



35.0967, 47.3064, 208.1490



86.7667, 47.3064, 34.5305

Complementary

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



26.1087, 47.3064, 7.7550



20.5673, 9.2737, 61.0302

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.



85.1333, 47.3064, 88.5969



26.1087, 47.3064, 7.7550



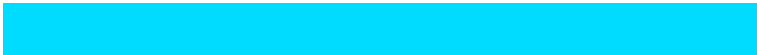
52.0387, 47.3064, 215.9502

Square

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



26.1087, 47.3064, 7.7550



24.1435, 47.3064, 145.7194



71.2274, 47.3064, 162.9559



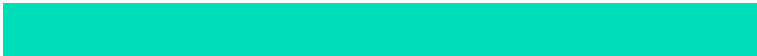
75.2378, 47.3064, 10.3484

Rectangle

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



26.1087, 47.3064, 7.7550



18.9739, 47.3064, 54.1085



71.2274, 47.3064, 162.9559



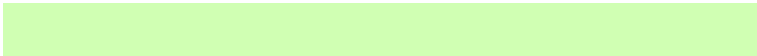
87.8051, 47.3064, 48.9934

Sweetspot

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



26.1098, 47.3084, 7.7561



69.7956, 88.1319, 55.7157



34.1323, 29.2290, 3.8435



14.3256, 18.5733, 10.7330



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.



26.1098, 47.3084, 7.7561



40.7524, 74.0937, 12.1536



22.9709, 45.6707, 8.4911



12.0779, 13.4236, 12.5665



16.1990, 29.2198, 4.7862



0.9932, 1.6789, 0.2717

Inverse Universe

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



20.5673, 9.2737, 61.0302



32.0357, 14.4299, 95.7045



35.0131, 17.0433, 47.1350



11.8543, 11.7737, 14.8914



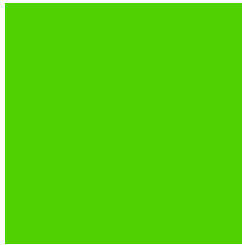
12.7925, 5.7750, 37.6329



0.8023, 0.3678, 2.1083

Previews

White Background



This preview shows how the XYZ color 26.1087, 47.3064, 7.7550 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 26.1087, 47.3064, 7.7550 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 26.1087, 47.3064, 7.7550

Background



This preview shows how black text looks on a background with the XYZ color 26.1087, 47.3064, 7.7550.



This preview shows how white text looks on a background with the XYZ color 26.1087, 47.3064,

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

26.1087, 47.3064, 7.7550

Protanopia

41.9048, 46.4350, 6.7542

Deuteranopia

47.2021, 46.1809, 8.8089



Tritanopia

37.9949, 46.8816, 68.0193

Trichromacy



Original Color

26.1087, 47.3064, 7.7550



Protanomaly

33.3468, 45.1729, 6.9617



Deuteranomaly

35.0141, 43.7804, 7.7036



Tritanomaly

30.2060, 45.3929, 29.7239

Monochromacy



Original Color

26.1087, 47.3064, 7.7550



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

24.5635, 33.7686, 15.8130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1087, 47.3064, 7.7550 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(80, 209, 0)` looks like.

```
.text, #text, p{  
    color:rgb(80, 209, 0)  
}
```

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(80, 209, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 209, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.1087, 47.3064, 7.7550 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(80, 209, 0) }
```


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

```
.border{ border-color:rgb(80, 209, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 209, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 209, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 209, 0);  
box-shadow:4px 4px 4px 4px rgb(80, 209, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.1087, 47.3064, 7.7550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 209, 0) }
```

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

```
.background{ background-color: rgb(80, 209,  
0) }
```

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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