

Converting Colors

XYZ(26.1976, 47.5268, 10.9905)

Have a look what the booklet for
XYZ(26.1976, 47.5268, 10.9905)
contains.

XYZ(26.2650, 47.6807, 11.0678)	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(26.2650, 47.6807,
11.0678)**

Conversions

Conversions Part 1

Format	Color
Hex	47D234
RGB	71, 210, 52
RGB Percent	28%, 82%, 20%
CMY	0.7216, 0.1765, 0.7961
CMYK	0.66, 0.00, 0.75, 0.18
HSL	113°, 64%, 51%
HSV	113°, 75%, 82%
XYZ	26.2650, 47.6807, 11.0678
YIQ	150.4270, -32.1260, -78.6060

Conversions

Conversions Part 2

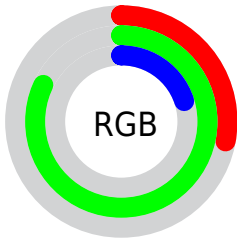
Format	Color
RYB	52, 210, 191
Decimal	4706868
CIELab	74.62, -64.94, 62.91
CIELCh	75, 90.415, 135.912
Yxy	47.6807, 0.3090, 0.5609
Android (android.graphics.Color)	4282896948 (0xFF47D234)
YUV	150.4270, -48.5245, -69.6575
Hunter-Lab	69.0512, -52.9436, 38.8326

Details

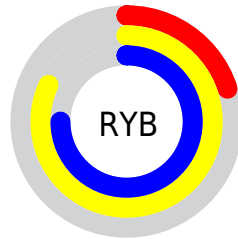
The XYZ color **26.2650, 47.6807, 11.0678** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **34.3497, 18.1874, 62.6754**, and the grayscale version is **29.3822, 30.9124, 33.6636**.

A 20% lighter version of the original color is **48.6737, 77.8584, 26.9308**, and **11.5556, 23.1112, 3.8519** is the 20% darker color. If you saturate the color by 10%, you get **24.7383, 46.9381, 9.0529**, and if you desaturate by 10%, it is **28.4161, 48.7237, 14.2114**.

Distribution



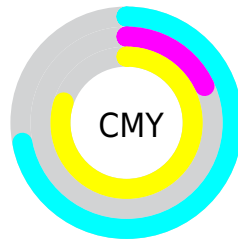
- Red (28%)
- Green (82%)
- Blue (20%)



- Red (20%)
- Yellow (82%)
- Blue (75%)



- Cyan (66%)
- Magenta (0%)
- Yellow (75%)
- Black (18%)



- Cyan (72%)
- Magenta (18%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2650, 47.6807, 11.0678 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 26.2650, 47.6807, 11.0678 by changing the saturation by 10% instead.

■ 26.2650, 47.6807,
11.0678

■ 26.2650, 47.6807,
11.0678

276.3134,
377.5251, 208.8862

■ 17.1557, 33.5741,
5.9977

■ 53.1304, 86.7288,
28.4240

■ 10.4416, 22.5666,
2.7749

■ 71.6172, 112.4391,
41.5473

■ 5.7572, 14.2738,
0.9809

■ 93.9606, 142.7861,
58.1920

■ 2.7373, 8.3114,
0.0000

■ 120.5259,
178.1541, 78.7766

■ 1.0164, 4.2948,
0.0000

■ 151.6785,
218.9277, 103.7199

■ 0.0000, 1.8398,
0.0000

187.7837,

■ 0.0000, 0.5118,

265.4911, 133.4402

0.0000

229.2069,
318.2288, 168.3561

■ 0.0000, 0.0000,
0.0000

■ 26.2650, 47.6807,
11.0678

■ 26.2650, 47.6807,
11.0678

■ 24.7383, 46.9381,
9.0529

■ 28.4161, 48.7237,
14.2114

■ 23.7637, 46.4579,
8.0021


■ 31.2468, 50.0885,
18.6125


■ 23.4546, 46.3049,
7.7016


■ 34.8099, 51.8013,
24.3859


■ 39.1521, 53.8839,
31.6326

■ 44.3161, 56.3563,
40.4441

 50.3415, 59.2372,
50.9046

 57.2652, 62.5440,
63.0923

 65.1223, 66.2929,
77.0801

 73.9455, 70.4997,
92.9371

Harmonies

Analogous

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



37.2272, 47.6807, 4.5289



26.2650, 47.6807, 11.0678



21.1357, 47.6807, 32.9232

Triad

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



26.2650, 47.6807, 11.0678



38.0824, 47.6807, 197.5756



82.8196, 47.6807, 30.9197

Complementary

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



26.2650, 47.6807, 11.0678



34.3497, 18.1874, 62.6754

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.



83.2078, 47.6807, 77.0893



26.2650, 47.6807, 11.0678



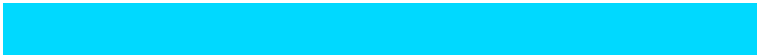
54.5060, 47.6807, 195.7710

Square

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



26.2650, 47.6807, 11.0678



26.7605, 47.6807, 147.2868



71.8893, 47.6807, 143.2584



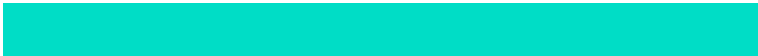
70.9300, 47.6807, 10.3595

Rectangle

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



26.2650, 47.6807, 11.0678



20.6706, 47.6807, 61.7637



71.8893, 47.6807, 143.2584



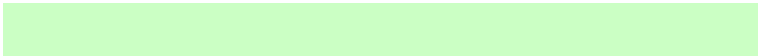
84.3815, 47.6807, 43.1753

Sweetspot

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



26.2661, 47.6827, 11.0689



70.5017, 88.2744, 65.7565



45.3836, 50.3185, 10.5700



14.4107, 18.5692, 12.9041



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.



26.2661, 47.6827, 11.0689



37.4139, 72.3517, 12.9416



27.2752, 47.9498, 22.5520



11.7865, 13.2734, 12.5528



14.3513, 28.2673, 4.6998



0.8474, 1.6037, 0.2649

Inverse Universe

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



34.3497, 18.1874, 62.6754



50.2162, 24.3343, 96.6581



33.4811, 18.4281, 31.5288



12.1651, 11.9339, 14.9060



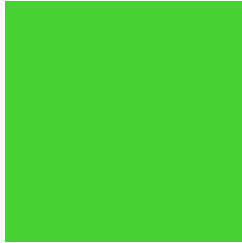
19.3207, 9.1405, 37.9385



1.1206, 0.5319, 2.1232

Previews

White Background



This preview shows how the XYZ color 26.2650, 47.6807, 11.0678 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 26.2650, 47.6807, 11.0678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

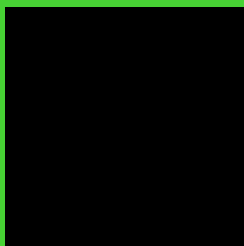
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.2650, 47.6807, 11.0678

Background



This preview shows how black text looks on a background with the XYZ color 26.2650, 47.6807, 11.0678.



This preview shows how white text looks on a background with the XYZ color 26.2650, 47.6807,

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

26.2650, 47.6807, 11.0678

Protanopia

42.3784, 46.6245, 9.2485

Deuteranopia

47.6352, 46.6233, 11.7987



Tritanopia

37.9303, 47.4845, 69.4536

Trichromacy



Original Color

26.2650, 47.6807, 11.0678



Protanomaly

33.0934, 44.9806, 9.7342



Deuteranomaly

35.0060, 44.0117, 11.2075



Tritanomaly

31.4387, 46.5393, 37.8978

Monochromacy



Original Color

26.2650, 47.6807, 11.0678



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

25.6749, 34.7849, 21.2805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2650, 47.6807, 11.0678 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(71, 210, 52)` looks like.

```
.text, #text, p{  
    color:rgb(71, 210, 52)  
}
```

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(71, 210, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 210, 52) }
```

Border

The CSS property to change the border of an element to XYZ 26.2650, 47.6807, 11.0678 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(71, 210, 52) }
```


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

```
.border{ border-color:rgb(71, 210, 52) }
```

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

Here you see how a box with a 4 pixel rgb(71, 210, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 210, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 210, 52);  
box-shadow:4px 4px 4px 4px rgb(71, 210,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2650, 47.6807, 11.0678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 210, 52) }
```

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

```
.background{ background-color: rgb(71, 210,  
52) }
```

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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