

Converting Colors

XYZ(27.4464, 47.2444, 9.0673)

Have a look what the booklet for
XYZ(27.4464, 47.2444, 9.0673)
contains.

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Color

**XYZ(27.3974, 47.2167,
9.0362)**

Conversions

Conversions Part 1

Format	Color
Hex	60CF20
RGB	96, 207, 32
RGB Percent	38%, 81%, 13%
CMY	0.6235, 0.1882, 0.8745
CMYK	0.54, 0.00, 0.85, 0.19
HSL	98°, 73%, 47%
HSV	98°, 85%, 81%
XYZ	27.3974, 47.2167, 9.0362
YIQ	153.8610, -9.9810, -77.9570

Conversions

Conversions Part 2

Format	Color
R _Y B	32, 207, 143
Decimal	6344480
CIE Lab	74.33, -59.06, 68.50
CIE LCh	74, 90.443, 130.766
Yxy	47.2167, 0.3275, 0.5645
Android (android.graphics.Color)	4284534560 (0xFF60CF20)
YUV	153.8610, -60.0775, -50.7441
Hunter-Lab	68.7144, -49.0798, 40.3032

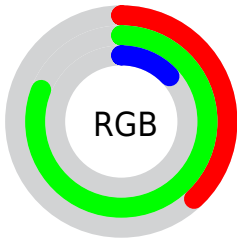
Details

The XYZ color **27.3974, 47.2167, 9.0362** is a dark color, and the websafe version is hex **66CC00**.

The color can be described as dark muted chartreuse. A complement of this color would be **23.1098, 11.3796, 60.0125**, and the grayscale version is **30.9140, 32.5240, 35.4186**.

A 20% lighter version of the original color is **51.7302, 79.5143, 23.4478**, and **11.2978, 22.2524, 3.6997** is the 20% darker color. If you saturate the color by 10%, you get **25.9317, 46.4855, 7.9319**, and if you desaturate by 10%, it is **29.2725, 48.1415, 11.0827**.

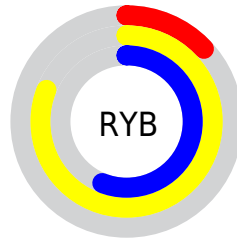
Distribution



Red (38%)

Green (81%)

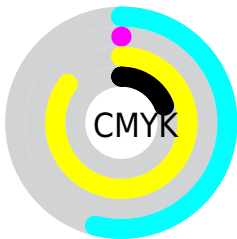
Blue (13%)



Red (13%)

Yellow (81%)

Blue (56%)

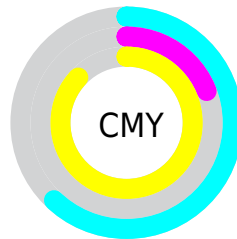


Cyan (54%)

Magenta (0%)

Yellow (85%)

Black (19%)



Cyan (62%)


Magenta (19%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3974, 47.2167, 9.0362 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 27.3974, 47.2167, 9.0362 by changing the saturation by 10% instead.


 27.3974, 47.2167,
9.0362


 27.3974, 47.2167,
9.0362


281.7087,
375.6788, 193.8757


 18.0100, 33.2070,
4.6677


 54.9363, 86.0370,
24.5450

 11.0569, 22.2851,
1.9983


 73.8186, 111.6164,
36.5223

 6.1727, 14.0665,
0.5542


 96.5965, 141.8211,
51.8730

 2.9920, 8.1669,
0.0000

 123.6355,
177.0356, 71.0156

 1.1496, 4.2020,
0.0000

 155.3008,
217.6442, 94.3687

 0.0660, 1.7872,
0.0000

 191.9579,

 0.0000, 0.4792,

264.0314, 122.3507

0.0000

233.9721,
316.5814, 155.3802

■ 0.0000, 0.0000,
0.0000

■ 27.3974, 47.2167,
9.0362

■ 27.3974, 47.2167,
9.0362

■ 25.9317, 46.4855,
7.9319

■ 29.2725, 48.1415,
11.0827

■ 25.2701, 46.1516,
7.5763

■ 31.5932, 49.2708,
14.2200

■ 34.3941, 50.6212,
18.5738

■ 37.7051, 52.2059,
24.2522

■ 41.5532, 54.0365,
31.3509

■ 45.9635, 56.1242,
39.9571

■ 50.9592, 58.4791,
50.1509

■ 56.5622, 61.1109,
62.0065

■ 62.7931, 64.0288,
75.5939

Harmonies

Analogous

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



39.2858, 47.2167, 4.0728



27.3974, 47.2167, 9.0362



21.3519, 47.2167, 27.1894

Triad

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



27.3974, 47.2167, 9.0362



35.3435, 47.2167, 190.8275



83.1475, 47.2167, 36.4290

Complementary

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



27.3974, 47.2167, 9.0362



23.1098, 11.3796, 60.0125

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.



81.3574, 47.2167, 86.9225



27.3974, 47.2167, 9.0362



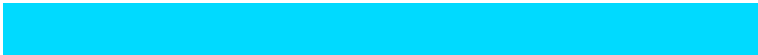
50.9773, 47.2167, 199.1519

Square

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



27.3974, 47.2167, 9.0362



25.1140, 47.2167, 134.8787



68.5539, 47.2167, 153.4620



72.9770, 47.2167, 12.2998

Rectangle

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



27.3974, 47.2167, 9.0362



20.3072, 47.2167, 52.6177



68.5539, 47.2167, 153.4620



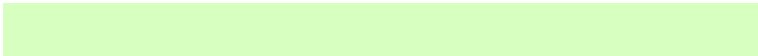
83.9764, 47.2167, 50.2229

Sweetspot

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



27.3985, 47.2187, 9.0372



73.0873, 89.6734, 62.8912



35.7924, 32.9670, 5.8440



15.0885, 18.9313, 12.3652



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.



27.3985, 47.2187, 9.0372



40.2992, 73.8600, 12.1324



23.6076, 45.2139, 11.1405



12.0587, 13.4137, 12.5656



16.0161, 29.1256, 4.7777



0.9817, 1.6730, 0.2712

Inverse Universe

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



23.1098, 11.3796, 60.0125



32.9003, 14.8756, 95.7450



34.8673, 17.7464, 46.7547



11.8742, 11.7840, 14.8924



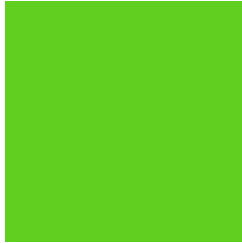
13.1302, 5.9491, 37.6488



0.8197, 0.3767, 2.1091

Previews

White Background



This preview shows how the XYZ color 27.3974, 47.2167, 9.0362 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 27.3974, 47.2167, 9.0362 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

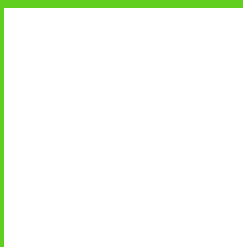
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3974, 47.2167, 9.0362

Background



This preview shows how black text looks on a background with the XYZ color 27.3974, 47.2167, 9.0362.



This preview shows how white text looks on a background with the XYZ color 27.3974, 47.2167,

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

27.3974, 47.2167, 9.0362

Protanopia

42.0803, 46.5052, 7.6782

Deuteranopia

47.3673, 46.2470, 9.6788



Tritanopia

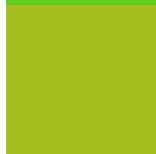
38.9126, 47.0540, 66.7059

Trichromacy



Original Color

27.3974, 47.2167, 9.0362



Protanomaly

34.3575, 45.3448, 8.0402



Deuteranomaly

36.6450, 44.5907, 9.1581



Tritanomaly

32.1676, 45.9792, 33.5650

Monochromacy



Original Color

27.3974, 47.2167, 9.0362



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

27.4309, 35.9995, 20.2547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3974, 47.2167, 9.0362 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(96, 207, 32)` looks like.

```
.text, #text, p{  
    color:rgb(96, 207, 32)  
}
```

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(96, 207, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 207, 32) }
```

Border

The CSS property to change the border of an element to XYZ 27.3974, 47.2167, 9.0362 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(96, 207, 32) }
```


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

```
.border{ border-color:rgb(96, 207, 32) }
```

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

Here you see how a box with a 4 pixel rgb(96, 207, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 207, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 207, 32);  
box-shadow:4px 4px 4px 4px rgb(96, 207,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3974, 47.2167, 9.0362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 207, 32) }
```

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

```
.background{ background-color: rgb(96, 207,  
32) }
```

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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