

Converting Colors

XYZ(24.8945, 43.1065, 7.6669)

Have a look what the booklet for
XYZ(24.8945, 43.1065, 7.6669)
contains.

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Color

**XYZ(24.9633, 43.1727,
7.6793)**

Conversions

Conversions Part 1

Format	Color
Hex	5CC714
RGB	92, 199, 20
RGB Percent	36%, 78%, 8%
CMY	0.6392, 0.2196, 0.9215
CMYK	0.54, 0.00, 0.90, 0.22
HSL	96°, 82%, 43%
HSV	96°, 90%, 78%
XYZ	24.9633, 43.1727, 7.6793
YIQ	146.6010, -6.3130, -78.3530

Conversions

Conversions Part 2

Format	Color
R _Y B	20, 199, 127
Decimal	6080276
CIE Lab	71.67, -57.69, 68.53
CIE LCh	72, 89.579, 130.095
Yxy	43.1727, 0.3293, 0.5694
Android (android.graphics.Color)	4284270356 (0xFF5CC714)
YUV	146.6010, -62.4143, -47.8851
Hunter-Lab	65.7059, -47.1689, 39.0647

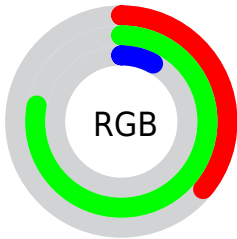
Details

The XYZ color **24.9633, 43.1727, 7.6793** is a dark color, and the websafe version is hex **66CC00**.

The color can be described as dark washed green. A complement of this color would be **19.3149, 9.1380, 54.7811**, and the grayscale version is **27.8212, 29.2701, 31.8751**.

A 20% lighter version of the original color is **50.4292, 78.8835, 21.5850**, and **10.0984, 20.0110, 3.3303** is the 20% darker color. If you saturate the color by 10%, you get **23.7419, 42.5589, 6.9666**, and if you desaturate by 10%, it is **26.5028, 43.9382, 9.0840**.

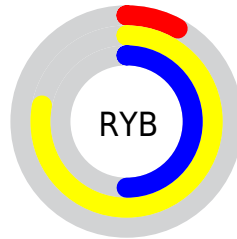
Distribution



Red (36%)

Green (78%)

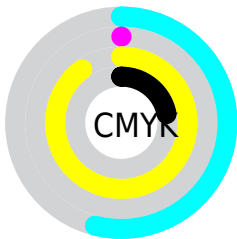
Blue (8%)



Red (8%)

Yellow (78%)

Blue (50%)

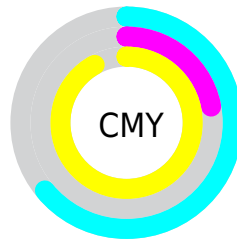


Cyan (54%)

Magenta (0%)

Yellow (90%)

Black (22%)



Cyan (64%)


Magenta (22%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9633, 43.1727, 7.6793 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 24.9633, 43.1727, 7.6793 by changing the saturation by 10% instead.


 24.9633, 43.1727,
7.6793


 24.9633, 43.1727,
7.6793


270.0061,
359.3215, 183.0342


 16.1783, 30.0206,
3.8056

 51.0410, 79.9714,
21.8630


 9.7421, 19.8543,
1.5193


 69.0644, 104.3868,
33.0101

 5.2892, 12.2891,
0.2323


 90.8980, 133.3255,
47.4187

 2.4544, 6.9409,
0.0000

 116.9071,
167.1719, 65.5075

 0.8723, 3.4252,
0.0000

 147.4572,
206.3102, 87.6949

 0.0000, 1.3575,
0.0000

 182.9134,

 0.0000, 0.1851,

251.1250, 114.3994

0.0000

223.6413,
302.0007, 146.0397

■ 0.0000, 0.0000,
0.0000

■ 24.9633, 43.1727,
7.6793

■ 24.9633, 43.1727,
7.6793

■ 23.7419, 42.5589,
6.9666

■ 26.5028, 43.9382,
9.0840

■ 23.7355, 42.5557,
6.9631

■ 28.4101, 44.8719,
11.4131

■ 30.7174, 45.9889,
14.7922

■ 33.4518, 47.3010,
19.3263

■ 36.6378, 48.8188,
25.1077

■ 40.2975, 50.5518,
32.2196

■ 44.4516, 52.5091,
40.7378

■ 49.1195, 54.6991,
50.7324

■ 54.3192, 57.1297,
62.2689

Harmonies

Analogous

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



36.1290, 43.1727, 3.3977



24.9633, 43.1727, 7.6793



19.2576, 43.1727, 23.9091

Triad

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



24.9633, 43.1727, 7.6793



31.8795, 43.1727, 177.5068



76.9903, 43.1727, 33.8279

Complementary

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



24.9633, 43.1727, 7.6793



19.3149, 9.1380, 54.7811

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.



75.0422, 43.1727, 81.5880



24.9633, 43.1727, 7.6793



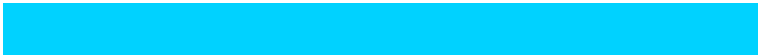
46.3648, 43.1727, 186.6283

Square

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



24.9633, 43.1727, 7.6793



22.5146, 43.1727, 123.9916



62.8442, 43.1727, 144.3015



67.6500, 43.1727, 11.1124

Rectangle

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



24.9633, 43.1727, 7.6793



18.2239, 43.1727, 47.1465



62.8442, 43.1727, 144.3015



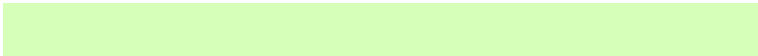
77.6795, 43.1727, 46.8692

Sweetspot

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



24.9643, 43.1745, 7.6803



72.3236, 89.3436, 59.9712



30.9417, 26.7153, 4.1882



14.9682, 18.8814, 11.8083



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.



24.9643, 43.1745, 7.6803



41.3025, 74.3773, 12.1794



21.0155, 41.1185, 8.4137



10.8945, 12.0925, 11.3227



15.3550, 27.4111, 4.4816



0.8085, 1.3399, 0.2160

Inverse Universe

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



19.3149, 9.1380, 54.7811



31.0825, 13.9385, 95.6599



32.4657, 16.1079, 46.7939



10.6545, 10.5957, 13.4011



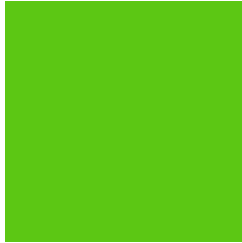
11.6190, 5.2241, 35.1403



0.6304, 0.2887, 1.6676

Previews

White Background



This preview shows how the XYZ color 24.9633, 43.1727, 7.6793 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 24.9633, 43.1727, 7.6793 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 24.9633, 43.1727, 7.6793

Background



This preview shows how black text looks on a background with the XYZ color 24.9633, 43.1727, 7.6793.



This preview shows how white text looks on a background with the XYZ color 24.9633, 43.1727,

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

24.9633, 43.1727, 7.6793

Protanopia

38.3943, 42.5456, 6.3895

Deuteranopia

43.1422, 42.1598, 8.3464



Tritanopia

35.5200, 42.8611, 61.0445

Trichromacy



Original Color

24.9633, 43.1727, 7.6793



Protanomaly

31.5049, 41.6785, 6.7321



Deuteranomaly

33.2742, 40.4559, 7.7241



Tritanomaly

29.2170, 41.8912, 29.4676

Monochromacy



Original Color

24.9633, 43.1727, 7.6793



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

24.7376, 32.7240, 17.3245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9633, 43.1727, 7.6793 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(92, 199, 20)` looks like.

```
.text, #text, p{  
    color:rgb(92, 199, 20)  
}
```

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(92, 199, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 199, 20) }
```

Border

The CSS property to change the border of an element to XYZ 24.9633, 43.1727, 7.6793 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(92, 199, 20) }
```


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

```
.border{ border-color:rgb(92, 199, 20) }
```

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

Here you see how a box with a 4 pixel rgb(92, 199, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 199, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 199, 20);  
box-shadow:4px 4px 4px 4px rgb(92, 199,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9633, 43.1727, 7.6793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 199, 20) }
```

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

```
.background{ background-color: rgb(92, 199,  
20) }
```

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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