

Converting Colors

XYZ(21.1279, 33.0753, 5.2706)

Have a look what the booklet for
XYZ(21.1279, 33.0753, 5.2706)
contains.

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Color

**XYZ(21.1279, 33.0753,
5.2706)**

Conversions

Conversions Part 1

Format	Color
Hex	6CAD00
RGB	108, 173, 0
RGB Percent	42%, 68%, 0%
CMY	0.5765, 0.3216, 0.9999
CMYK	0.38, 0.00, 1.00, 0.32
HSL	83°, 100%, 34%
HSV	83°, 100%, 68%
XYZ	21.1279, 33.0753, 5.2706
YIQ	133.8430, 16.7930, -67.5830

Conversions

Conversions Part 2

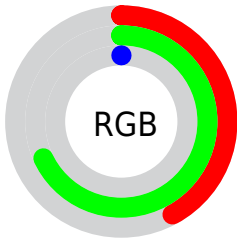
Format	Color
RYB	0, 173, 65
Decimal	7122176
CIELab	64.22, -42.90, 65.42
CIELCh	64, 78.235, 123.254
Yxy	33.0753, 0.3552, 0.5561
Android (android.graphics.Color)	4285312256 (0xFF6CAD00)
YUV	133.8430, -65.9846, -22.6643
Hunter-Lab	57.5111, -35.0688, 34.8242

Details

The XYZ color **21.1279, 33.0753, 5.2706** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **9.7247, 4.1421, 39.8241**, and the grayscale version is **22.8342, 24.0233, 26.1614**.

A 20% lighter version of the original color is **44.8409, 64.5598, 16.9354**, and **8.0319, 14.1111, 2.3004** is the 20% darker color. If you saturate the color by 10%, you get **21.1278, 33.0763, 5.2708**, and if you desaturate by 10%, it is **22.0527, 33.5411, 5.8552**.

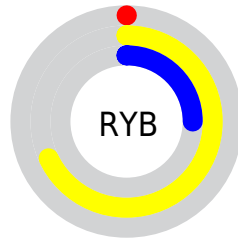
Distribution



Red (42%)

Green (68%)

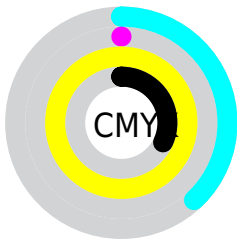
Blue (0%)



Red (0%)

Yellow (68%)

Blue (25%)

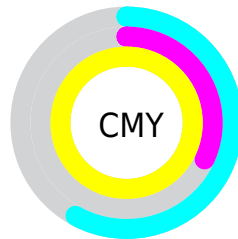


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (58%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1279, 33.0753, 5.2706 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 21.1279, 33.0753, 5.2706 by changing the saturation by 10% instead.

■ 21.1279, 33.0753,
5.2706

■ 21.1279, 33.0753,
5.2706

250.6763,
315.9889, 161.4458

■ 13.3305, 22.1841,
2.3454

■ 44.7900, 64.4931,
16.8478

■ 7.7351, 13.9923,
0.7565

■ 61.3854, 85.7885,
26.3369

■ 3.9763, 8.1153,
0.0000

■ 81.6442, 111.3207,
38.8510

■ 1.6887, 4.1688,
0.0000

■ 105.9317,
141.4743, 54.8086

■ 0.4492, 1.7684,
0.0000

■ 134.6133,
176.6335, 74.6284

■ 0.0000, 0.4674,
0.0000

■ 168.0544,

■ 0.0000, 0.0000,

217.1827, 98.7288

0.0000

206.6203,
263.5064, 127.5285

21.1279, 33.0753,
5.2706

21.1279, 33.0753,
5.2706

21.1278, 33.0763,
5.2708

22.0527, 33.5411,
5.8552

23.1274, 34.0727,
6.9182

24.3897, 34.6865,
8.6487

25.8573, 35.3896,
11.1338

27.5454, 36.1883,
14.4471

■ 29.4674, 37.0880,
18.6540

■ 31.6355, 38.0937,
23.8128

■ 34.0609, 39.2101,
29.9773

■ 36.7541, 40.4415,
37.1969

Harmonies

Analogous

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



30.2415, 33.0753, 2.9700



21.1279, 33.0753, 5.2706



15.9725, 33.0753, 14.9177

Triad

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



21.1279, 33.0753, 5.2706



22.7786, 33.0753, 122.7935



57.9158, 33.0753, 32.6551

Complementary

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



21.1279, 33.0753, 5.2706



9.7247, 4.1421, 39.8241

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.



54.6018, 33.0753, 71.1112



21.1279, 33.0753, 5.2706



32.6638, 33.0753, 137.9679

Square

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



21.1279, 33.0753, 5.2706



16.7561, 33.0753, 80.9920



44.6496, 33.0753, 115.1025



52.8705, 33.0753, 11.8222

Rectangle

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



21.1279, 33.0753, 5.2706



14.6511, 33.0753, 29.3008



44.6496, 33.0753, 115.1025



57.7456, 33.0753, 43.6800

Sweetspot

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



21.1287, 33.0767, 5.2713



56.4364, 68.1198, 42.1080



19.0368, 12.4892, 1.4078



11.9118, 14.6405, 8.2962



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



21.1287, 33.0767, 5.2713



37.5913, 59.1086, 9.4278



15.2996, 30.0718, 4.9985



8.3666, 9.1776, 8.5438



15.5856, 24.3318, 3.8751



0.4916, 0.7068, 0.1105

Inverse Universe

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



9.7247, 4.1421, 39.8241



17.1941, 7.3033, 71.3092



20.1098, 9.4959, 40.3101



7.8527, 7.8983, 10.0633



7.2023, 3.0728, 29.2580



0.2621, 0.1173, 0.8168

Previews

White Background



This preview shows how the XYZ color 21.1279, 33.0753, 5.2706 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 21.1279, 33.0753, 5.2706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

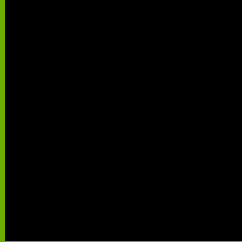
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 21.1279, 33.0753, 5.2706

Background



This preview shows how black text looks on a background with the XYZ color 21.1279, 33.0753, 5.2706.



This preview shows how white text looks on a background with the XYZ color 21.1279, 33.0753,

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

21.1279, 33.0753, 5.2706

Protanopia

29.4005, 32.5566, 4.7345

Deuteranopia

33.2281, 32.5850, 6.0516



Tritanopia

29.1372, 33.0578, 44.8895

Trichromacy



Original Color

21.1279, 33.0753, 5.2706

Protanomaly

25.6828, 32.4200, 4.9041

Deuteranomaly

27.1375, 31.6214, 5.4323

Tritanomaly

24.0701, 32.0510, 19.9568

Monochromacy



Original Color

21.1279, 33.0753, 5.2706

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

20.6870, 26.1957, 12.5603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1279, 33.0753, 5.2706 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(108, 173, 0)` looks like.

```
.text, #text, p{  
    color:rgb(108, 173, 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(108, 173, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 173, 0) }
```

Border

The CSS property to change the border of an element to XYZ 21.1279, 33.0753, 5.2706 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(108, 173, 0) }
```


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

```
.border{ border-color:rgb(108, 173, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 173, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 173, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 173, 0);  
box-shadow:4px 4px 4px 4px rgb(108, 173,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1279, 33.0753, 5.2706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 173, 0) }
```

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

```
.background{ background-color: rgb(108,  
173, 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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