

Converting Colors

XYZ(32.6273, 55.5374, 9.0002)

Have a look what the booklet for
XYZ(32.6273, 55.5374, 9.0002)
contains.

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Color

**XYZ(32.6768, 55.6221,
9.0139)**

Conversions

Conversions Part 1

Format	Color
Hex	6FDE00
RGB	111, 222, 0
RGB Percent	44%, 87%, 0%
CMY	0.5647, 0.1294, 0.9999
CMYK	0.50, 0.00, 1.00, 0.13
HSL	90°, 100%, 44%
HSV	90°, 100%, 87%
XYZ	32.6768, 55.6221, 9.0139
YIQ	163.5030, 5.1060, -92.5740

Conversions

Conversions Part 2

Format	Color
RYB	0, 222, 111
Decimal	7331328
CIELab	79.40, -60.93, 77.31
CIELCh	79, 98.436, 128.241
Yxy	55.6221, 0.3358, 0.5716
Android (android.graphics.Color)	4285521408 (0xFF6FDE00)
YUV	163.5030, -80.6070, -46.0451
Hunter-Lab	74.5802, -52.3069, 45.0403

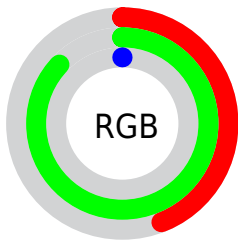
Details

The XYZ color **32.6768, 55.6221, 9.0139** is a dark color, and the websafe version is hex **66CC00**.

The color can be described as dark washed chartreuse. A complement of this color would be **19.7456, 8.6565, 69.7406**, and the grayscale version is **35.4222, 37.2669, 40.5836**.

A 20% lighter version of the original color is **54.4530, 80.9625, 21.5615**, and **14.5113, 27.7236, 4.5864** is the 20% darker color. If you saturate the color by 10%, you get **32.6761, 55.6235, 9.0142**, and if you desaturate by 10%, it is **34.3099, 56.4488, 9.8581**.

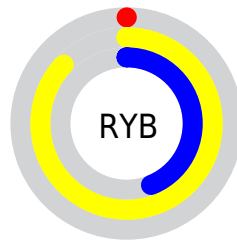
Distribution



Red (44%)

Green (87%)

Blue (0%)



Red (0%)

Yellow (87%)

Blue (44%)

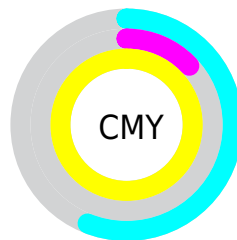


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (56%)


Magenta (13%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6768, 55.6221, 9.0139 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 32.6768, 55.6221, 9.0139 by changing the saturation by 10% instead.


 32.6768, 55.6221,
9.0139


 32.6768, 55.6221,
9.0139


305.8817,
408.2658, 193.7034


 22.0370, 39.9000,
4.6533


 63.2287, 98.4518,
24.5016

 14.0009, 27.4606,
1.9902


 83.8715, 126.3283,
36.4657


 8.2030, 17.9194,
0.5492


 108.5793,
159.0250, 51.8015

 4.2780, 10.8922,
0.0000

 137.7175,
196.9263, 70.9275

 1.8606, 5.9944,
0.0000

 171.6515,
240.4166, 94.2621

 0.5538, 2.8417,
0.0000

 210.7467,

 0.0000, 1.0496,

289.8804, 122.2239

0.0000

255.3682,
345.7020, 155.2315

■ 0.0000, 0.0000,
0.0000

■ 32.6768, 55.6221,
9.0139

■ 32.6768, 55.6221,
9.0139

■ 32.6761, 55.6235,
9.0142

■ 34.3099, 56.4488,
9.8581

■ 36.2902, 57.4332,
11.5985

■ 38.6795, 58.6026,
14.5251

■ 41.5144, 59.9723,
18.8018

■ 44.8263, 61.5555,
24.5668

■ 48.6431, 63.3639,
31.9410

■ 52.9904, 65.4082,
41.0332

■ 57.8916, 67.6985,
51.9423

■ 63.3685, 70.2439,
64.7600

Harmonies

Analogous

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



47.6098, 55.6221, 4.1045



32.6768, 55.6221, 9.0139



24.8639, 55.6221, 28.5354

Triad

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



32.6768, 55.6221, 9.0139



40.0044, 55.6221, 228.0833



100.0477, 55.6221, 46.2764

Complementary

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



32.6768, 55.6221, 9.0139



19.7456, 8.6565, 69.7406

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.



96.5502, 55.6221, 110.4765



32.6768, 55.6221, 9.0139



58.4979, 55.6221, 244.4980

Square

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



32.6768, 55.6221, 9.0139



28.3023, 55.6221, 155.8767



80.0218, 55.6221, 192.3993



88.6456, 55.6221, 15.1124

Rectangle

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



32.6768, 55.6221, 9.0139



23.2738, 55.6221, 57.2857



80.0218, 55.6221, 192.3993



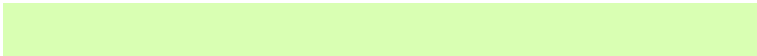
100.6212, 55.6221, 63.9630

Sweetspot

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



32.6781, 55.6245, 9.0151



72.3854, 89.4670, 55.8369



35.8120, 26.9029, 3.3061



14.9345, 18.8872, 10.7615



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.



32.6781, 55.6245, 9.0151



44.5840, 76.0689, 12.3330



26.1230, 52.2452, 8.7084



14.1784, 15.6721, 14.5845



19.5363, 33.1039, 5.3600



1.4574, 2.3478, 0.3764

Inverse Universe

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



19.7456, 8.6565, 69.7406



26.8801, 11.7721, 95.4632



43.3113, 20.8051, 70.8435



13.6018, 13.5783, 17.2917



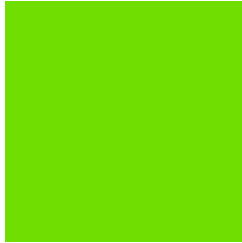
11.8550, 5.2068, 41.4285



0.9250, 0.4141, 2.8764

Previews

White Background



This preview shows how the XYZ color 32.6768, 55.6221, 9.0139 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 32.6768, 55.6221, 9.0139 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 32.6768, 55.6221, 9.0139

Background



This preview shows how black text looks on a background with the XYZ color 32.6768, 55.6221, 9.0139.



This preview shows how white text looks on a background with the XYZ color 32.6768, 55.6221,

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

32.6768, 55.6221, 9.0139

Protanopia

49.2551, 54.6955, 7.9613

Deuteranopia

55.8287, 54.4802, 10.0559



Tritanopia

46.3751, 55.1330, 78.0096

Trichromacy



Original Color

32.6768, 55.6221, 9.0139



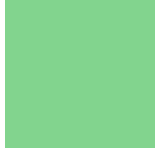
Protanomaly

40.6537, 53.3659, 8.1580



Deuteranomaly

43.4418, 52.3472, 8.9768



Tritanomaly

37.6319, 53.7858, 33.9895

Monochromacy



Original Color

32.6768, 55.6221, 9.0139



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

31.5247, 41.7171, 19.4874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6768, 55.6221, 9.0139 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(111, 222, 0)` looks like.

```
.text, #text, p{  
    color:rgb(111, 222, 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(111, 222, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 222, 0) }
```

Border

The CSS property to change the border of an element to XYZ 32.6768, 55.6221, 9.0139 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(111, 222, 0) }
```


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

```
.border{ border-color:rgb(111, 222, 0) }
```

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

Here you see how a box with a 4 pixel rgb(111, 222, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 222, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 222, 0);  
box-shadow:4px 4px 4px 4px rgb(111, 222,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6768, 55.6221, 9.0139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 222, 0) }
```

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

```
.background{ background-color: rgb(111,  
222, 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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