

Converting Colors

XYZ(11.4593, 21.5621, 0.5384)

Have a look what the booklet for
XYZ(11.4593, 21.5621, 0.5384)
contains.

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Color

**XYZ(11.9550, 21.6517,
3.5491)**

Conversions

Conversions Part 1

Format	Color
Hex	369300
RGB	54, 147, 0
RGB Percent	21%, 58%, 0%
CMY	0.7882, 0.4235, 1.0000
CMYK	0.63, 0.00, 1.00, 0.42
HSL	98°, 100%, 29%
HSV	98°, 100%, 58%
XYZ	11.9550, 21.6517, 3.5491
YIQ	102.4350, -8.2410, -65.4330

Conversions

Conversions Part 2

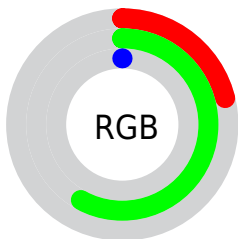
Format	Color
RYB	0, 147, 93
Decimal	3576576
CIELab	53.66, -49.72, 56.21
CIELCh	54, 75.043, 131.495
Yxy	21.6517, 0.3218, 0.5827
Android (android.graphics.Color)	4281766656 (0xFF369300)
YUV	102.4350, -50.5005, -42.4775
Hunter-Lab	46.5314, -35.5691, 28.0497

Details

The XYZ color **11.9550, 21.6517, 3.5491** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **9.7826, 4.4349, 27.9454**, and the grayscale version is **12.8741, 13.5446, 14.7501**.

A 20% lighter version of the original color is **29.0048, 46.1814, 13.0154**, and **4.0922, 8.1844, 1.3641** is the 20% darker color. If you saturate the color by 10%, you get **11.9551, 21.6524, 3.5492**, and if you desaturate by 10%, it is **12.5875, 21.9687, 4.0182**.

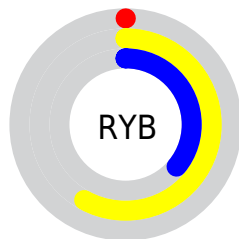
Distribution



Red (21%)

Green (58%)

Blue (0%)



Red (0%)

Yellow (58%)

Blue (36%)

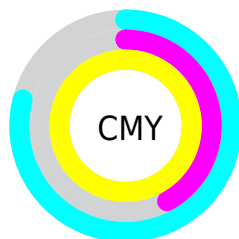


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (79%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9550, 21.6517, 3.5491 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 11.9550, 21.6517, 3.5491 by changing the saturation by 10% instead.

■ 11.9550, 21.6517,
3.5491

■ 11.9550, 21.6517,
3.5491

197.8832,
260.7219, 143.0734

■ 6.7850, 13.6012,
1.3814

■ 29.0307, 46.1697,
12.9557

■ 3.3732, 7.8438,
0.1271

■ 41.6671, 63.4059,
21.0317

■ 1.3540, 3.9952,
0.0000

■ 57.5231, 84.4728,
31.9142

■ 0.2231, 1.6709,
0.0000

■ 76.9639, 109.7549,
46.0218


■ 0.0000, 0.4047,
0.0000


■ 100.3550,
139.6364, 63.7730


■ 0.0000, 0.0000,
0.0000


■ 128.0616,


174.5018, 85.5863


 160.4492,
214.7356, 111.8802


 11.9550, 21.6517,
3.5491


 11.9550, 21.6517,
3.5491


 11.9551, 21.6524,
3.5492

 12.5875, 21.9687,
4.0182

 13.3786, 22.3601,
4.8001

 14.3621, 22.8405,
6.0456

 15.5532, 23.4167,
7.8124

 16.9654, 24.0944,
10.1494

■ 18.6107, 24.8790,
13.1001

■ 20.5004, 25.7754,
16.7039

■ 22.6448, 26.7881,
20.9965

■ 25.0537, 27.9214,
26.0115

Harmonies

Analogous

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



17.6547, 21.6517, 1.3736



11.9550, 21.6517, 3.5491



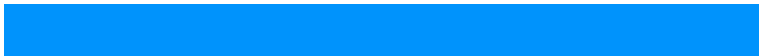
9.1404, 21.6517, 12.1466

Triad

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



11.9550, 21.6517, 3.5491



16.0600, 21.6517, 95.2214



39.7069, 21.6517, 15.8191

Complementary

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



11.9550, 21.6517, 3.5491



9.7826, 4.4349, 27.9454

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.



38.9549, 21.6517, 40.5669



11.9550, 21.6517, 3.5491



23.8102, 21.6517, 98.8124

Square

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



11.9550, 21.6517, 3.5491



11.0500, 21.6517, 66.6509



32.5898, 21.6517, 74.5856



34.4361, 21.6517, 4.7439

Rectangle

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



11.9550, 21.6517, 3.5491



8.6868, 21.6517, 24.7470



32.5898, 21.6517, 74.5856



40.1804, 21.6517, 22.4406

Sweetspot

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



11.9555, 21.6526, 3.5496



36.4873, 46.0519, 29.4744



15.7450, 13.6269, 1.8007



8.0236, 10.3678, 6.1380



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



11.9555, 21.6526, 3.5496



21.2287, 38.6819, 6.3475



10.5368, 20.9094, 4.0175



5.9188, 6.5660, 6.1959



10.3894, 18.7838, 3.0781



0.1576, 0.2456, 0.0391

Inverse Universe

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



9.7826, 4.4349, 27.9454



17.3177, 7.8381, 50.0347



16.0527, 7.8113, 21.7294



5.8309, 5.8038, 7.2827



8.5079, 3.8586, 24.2274



0.1367, 0.0640, 0.2981

Previews

White Background



This preview shows how the XYZ color 11.9550, 21.6517, 3.5491 looks on a white background.

Color Contrast Check

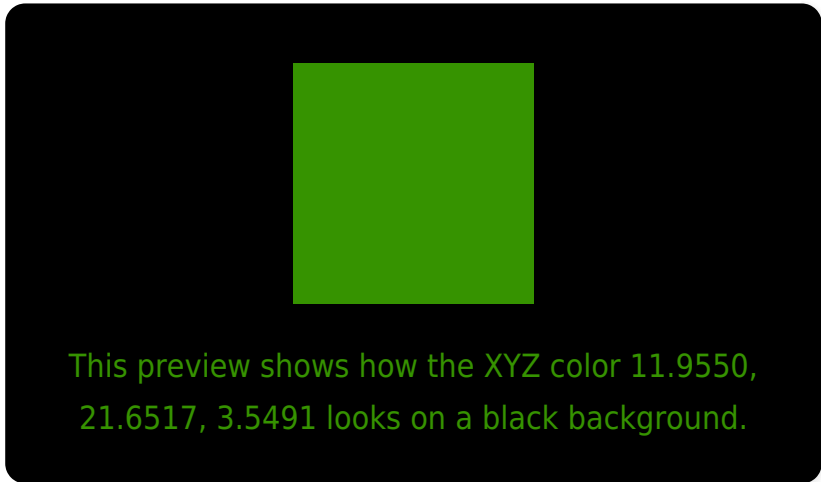
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 × Fail

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

XYZ 11.9550, 21.6517, 3.5491

Background



This preview shows how black text looks on a background with the XYZ color 11.9550, 21.6517, 3.5491.



This preview shows how white text looks on a background with the XYZ color 11.9550, 21.6517,

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

11.9550, 21.6517, 3.5491

Protanopia

19.2208, 21.3676, 3.1113

Deuteranopia

21.5819, 21.2473, 4.2600



Tritanopia

17.5992, 21.7349, 31.2847

Trichromacy



Original Color

11.9550, 21.6517, 3.5491

Protanomaly

15.2195, 20.7075, 3.1948

Deuteranomaly

15.9941, 20.0807, 3.6948

Tritanomaly

14.1438, 21.1975, 13.9357

Monochromacy



Original Color

11.9550, 21.6517, 3.5491

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.1789, 15.2698, 7.3592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9550, 21.6517, 3.5491 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(54, 147, 0)` looks like.

```
.text, #text, p{  
    color:rgb(54, 147, 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(54, 147, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 147, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.9550, 21.6517, 3.5491 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(54, 147, 0) }
```


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

```
.border{ border-color:rgb(54, 147, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 147, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 147, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 147, 0);  
box-shadow:4px 4px 4px 4px rgb(54, 147, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.9550, 21.6517, 3.5491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 147, 0) }
```

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

```
.background{ background-color: rgb(54, 147,  
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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