

Converting Colors

XYZ(11.5563, 21.1275, 7.5064)

Have a look what the booklet for
XYZ(11.5563, 21.1275, 7.5064)
contains.

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Color

**XYZ(11.5493, 21.1245,
7.4717)**

Conversions

Conversions Part 1

Format	Color
Hex	1D923A
RGB	29, 146, 58
RGB Percent	11%, 57%, 23%
CMY	0.8863, 0.4274, 0.7725
CMYK	0.80, 0.00, 0.60, 0.43
HSL	135°, 67%, 34%
HSV	135°, 80%, 57%
XYZ	11.5493, 21.1245, 7.4717
YIQ	100.9850, -41.4840, -52.1720

Conversions

Conversions Part 2

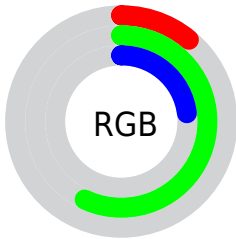
Format	Color
R_{YB}	29, 123, 146
Decimal	1937978
CIE _{Lab}	53.09, -50.13, 37.23
CIE _{LCh}	53, 62.444, 143.398
Yxy	21.1245, 0.2877, 0.5262
Android (android.graphics.Color)	4280128058 (0xFF1D923A)
YUV	100.9850, -21.1916, -63.1308
Hunter-Lab	45.9614, -35.5785, 22.5345

Details

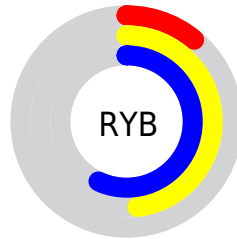
The XYZ color **11.5493, 21.1245, 7.4717** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **15.5049, 8.2744, 17.6098**, and the grayscale version is **12.4269, 13.0740, 14.2376**.

A 20% lighter version of the original color is **28.3127, 45.2889, 21.4368**, and **4.0301, 8.0164, 1.4785** is the 20% darker color. If you saturate the color by 10%, you get **10.9802, 20.8606, 6.1394**, and if you desaturate by 10%, it is **12.3746, 21.5148, 9.1281**.

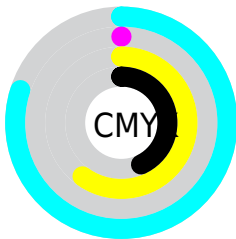
Distribution



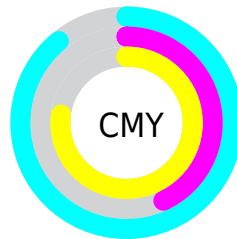
- Red (11%)
- Green (57%)
- Blue (23%)



- Red (11%)
- Yellow (48%)
- Blue (57%)



- Cyan (80%)
- Magenta (0%)
- Yellow (60%)
- Black (43%)



- Cyan (89%)
- Magenta (43%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5493, 21.1245, 7.4717 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 11.5493, 21.1245, 7.4717 by changing the saturation by 10% instead.

■ 11.5493, 21.1245,
7.4717

■ 11.5493, 21.1245,
7.4717

195.2297,
257.9394, 181.3046

■ 6.5076, 13.2150,
3.6759

■ 28.2956, 45.2946,
21.4449

■ 3.1997, 7.5768,
1.4493

■ 40.7308, 62.3241,
32.4593

■ 1.2602, 3.8254,
0.1797

■ 56.3613, 83.1624,
46.7171

■ 0.1531, 1.5764,
0.0000

■ 75.5524, 108.1938,
64.6367

■ 0.0000, 0.3416,
0.0000

■ 98.6695, 137.8029,
86.6367

■ 0.0000, 0.0000,
0.0000

■ 126.0778,

172.3739, 113.1357

158.1428,
212.2913, 144.5521

■ 11.5493, 21.1245,
7.4717

■ 11.5493, 21.1245,
7.4717

■ 10.9802, 20.8606,
6.1394

■ 12.3746, 21.5148,
9.1281

■ 10.6007, 20.6872,
5.1187

■ 13.4826, 22.0429,
11.1267

■ 14.8980, 22.7218,
13.4859

■ 16.6421, 23.5621,
16.2223

■ 18.7345, 24.5737,
19.3516

■ 21.1932, 25.7655,
22.8885

■ 24.0349, 27.1458,
26.8470

■ 27.2752, 28.7223,
31.2404

■ 30.9289, 30.5025,
36.0813

Harmonies

Analogous

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



15.4683, 21.1245, 3.2131



11.5493, 21.1245, 7.4717



9.9632, 21.1245, 19.0879

Triad

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



11.5493, 21.1245, 7.4717



18.6608, 21.1245, 80.8970



34.0445, 21.1245, 11.4186

Complementary

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



11.5493, 21.1245, 7.4717



15.5049, 8.2744, 17.6098

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.



35.4206, 21.1245, 27.4154



11.5493, 21.1245, 7.4717



25.5236, 21.1245, 74.7353

Square

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



11.5493, 21.1245, 7.4717



13.4494, 21.1245, 65.9783



32.0212, 21.1245, 52.0140



28.5902, 21.1245, 4.4678

Rectangle

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



11.5493, 21.1245, 7.4717



10.1270, 21.1245, 32.4428



32.0212, 21.1245, 52.0140



35.0423, 21.1245, 15.5957

Sweetspot

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



11.5498, 21.1254, 7.4722



35.4183, 44.4971, 37.5731



18.0680, 24.5483, 4.9484



7.5762, 9.7520, 7.9212



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



11.5498, 21.1254, 7.4722



18.8577, 36.5670, 9.3666



13.8692, 22.0531, 19.6857



5.7851, 6.4906, 6.4790



9.3361, 18.2072, 4.5457



0.1246, 0.2270, 0.1098

Inverse Universe

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



15.5049, 8.2744, 17.6098



26.0124, 12.9518, 27.4333



13.1149, 7.3184, 5.0243



5.9745, 5.8849, 6.9719



12.9084, 6.3684, 13.5308



0.1697, 0.0826, 0.2273

Previews

White Background



This preview shows how the XYZ color 11.5493, 21.1245, 7.4717 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



This preview shows how the XYZ color 11.5493, 21.1245, 7.4717 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 × Fail

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

XYZ 11.5493, 21.1245, 7.4717

Background



This preview shows how black text looks on a background with the XYZ color 11.5493, 21.1245, 7.4717.



This preview shows how white text looks on a background with the XYZ color 11.5493, 21.1245,

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

11.5493, 21.1245, 7.4717

Protanopia

18.8959, 20.7451, 6.2571

Deuteranopia

21.2174, 20.7949, 8.0498



Tritanopia

16.4053, 21.1194, 31.2288

Trichromacy



Original Color

11.5493, 21.1245, 7.4717



Protanomaly

14.3089, 19.7507, 6.5481



Deuteranomaly

15.0541, 19.3106, 7.6365



Tritanomaly

13.8378, 20.6978, 19.4854

Monochromacy



Original Color

11.5493, 21.1245, 7.4717



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

10.9026, 14.8743, 10.8907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5493, 21.1245, 7.4717 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(29, 146, 58)` looks like.

```
.text, #text, p{  
    color:rgb(29, 146, 58)  
}
```

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(29, 146, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 146, 58) }
```

Border

The CSS property to change the border of an element to XYZ 11.5493, 21.1245, 7.4717 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(29, 146, 58) }
```


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

```
.border{ border-color:rgb(29, 146, 58) }
```

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

Here you see how a box with a 4 pixel rgb(29, 146, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 146, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 146, 58);  
box-shadow:4px 4px 4px 4px rgb(29, 146,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5493, 21.1245, 7.4717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 146, 58) }
```

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

```
.background{ background-color: rgb(29, 146,  
58) }
```

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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