

Converting Colors

XYZ(9.4953, 17.2241, 4.6791)

Have a look what the booklet for
XYZ(9.4953, 17.2241, 4.6791)
contains.

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Color

**XYZ(9.5367, 17.3271,
4.6755)**

Conversions

Conversions Part 1

Format	Color
Hex	268526
RGB	38, 133, 38
RGB Percent	15%, 52%, 15%
CMY	0.8510, 0.4784, 0.8510
CMYK	0.71, 0.00, 0.71, 0.48
HSL	120°, 56%, 34%
HSV	120°, 71%, 52%
XYZ	9.5367, 17.3271, 4.6755
YIQ	93.7650, -26.1250, -49.6850

Conversions

Conversions Part 2

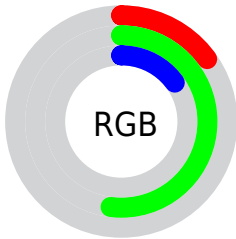
Format	Color
RYB	38, 133, 133
Decimal	2524454
CIELab	48.67, -46.41, 41.46
CIELCh	49, 62.233, 138.221
Yxy	17.3271, 0.3024, 0.5494
Android (android.graphics.Color)	4280714534 (0xFF268526)
YUV	93.7650, -27.4921, -48.9059
Hunter-Lab	41.6258, -31.9499, 22.4785

Details

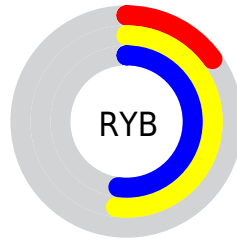
The XYZ color **9.5367, 17.3271, 4.6755** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **14.6000, 8.0664, 22.9777**, and the grayscale version is **10.6514, 11.2061, 12.2035**.

A 20% lighter version of the original color is **24.5688, 38.8419, 15.4348**, and **3.0173, 6.0346, 1.0058** is the 20% darker color. If you saturate the color by 10%, you get **8.9537, 17.0476, 3.7216**, and if you desaturate by 10%, it is **10.3725, 17.7291, 6.0424**.

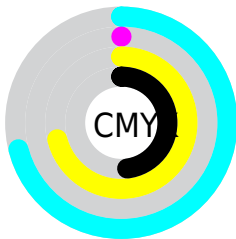
Distribution



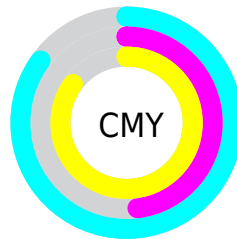
- Red (15%)
- Green (52%)
- Blue (15%)



- Red (15%)
- Yellow (52%)
- Blue (52%)



- Cyan (71%)
- Magenta (0%)
- Yellow (71%)
- Black (48%)



- Cyan (85%)
- Magenta (48%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.5367, 17.3271, 4.6755 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 9.5367, 17.3271, 4.6755 by changing the saturation by 10% instead.

■ 9.5367, 17.3271,
4.6755

■ 9.5367, 17.3271,
4.6755

181.4563,
237.0504, 155.4612

■ 5.1528, 10.4680,
2.0028

■ 24.5780, 38.8873,
15.5399

■ 2.3729, 5.7103,
0.5570

■ 35.9661, 54.3572,
24.5687

■ 0.8316, 2.6698,
0.0000

■ 50.4197, 73.4662,
36.5532

■ 0.0000, 0.9619,
0.0000

■ 68.3040, 96.5985,
51.9121

■ 0.0000, 0.0000,
0.0000

■ 89.9845, 124.1388,
71.0637

■ 115.8264,

156.4712, 94.4268

146.1953,
193.9803, 122.4198

■ 9.5367, 17.3271,
4.6755

■ 9.5367, 17.3271,
4.6755

■ 8.9537, 17.0476,
3.7216

■ 10.3725, 17.7291,
6.0424

■ 8.5940, 16.8748,
3.1332

■ 11.4842, 18.2631,
7.8607

■ 8.3879, 16.7758,
2.7961

■ 12.8933, 18.9400,
10.1656

■ 14.6192, 19.7690,
12.9886

■ 16.6794, 20.7586,
16.3585

■ 19.0904, 21.9168,
20.3020

■ 21.8673, 23.2507,
24.8442

■ 25.0246, 24.7673,
30.0084

■ 28.5758, 26.4731,
35.8169

Harmonies

Analogous

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



13.2550, 17.3271, 1.9567



9.5367, 17.3271, 4.6755



7.8588, 17.3271, 13.1243

Triad

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



9.5367, 17.3271, 4.6755



14.3182, 17.3271, 69.7667



29.3253, 17.3271, 10.6121

Complementary

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



9.5367, 17.3271, 4.6755



14.6000, 8.0664, 22.9777

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.



29.7991, 17.3271, 26.0778



9.5367, 17.3271, 4.6755



20.1643, 17.3271, 67.5926

Square

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



9.5367, 17.3271, 4.6755



10.1587, 17.3271, 53.5896



26.1400, 17.3271, 48.7111



24.9655, 17.3271, 3.7534

Rectangle

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



9.5367, 17.3271, 4.6755



7.7864, 17.3271, 23.7535



26.1400, 17.3271, 48.7111



29.9761, 17.3271, 14.7001

Sweetspot

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



9.5371, 17.3278, 4.6759



29.8491, 37.1637, 29.2622



18.4110, 21.9025, 5.0909



6.5205, 8.2745, 6.2584



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



9.5371, 17.3278, 4.6759



15.5715, 30.3055, 5.9084



10.8469, 17.8517, 11.5731



4.6163, 5.2048, 4.9907



7.9893, 15.9786, 2.6632



0.0277, 0.0554, 0.0092

Inverse Universe

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



14.6000, 8.0664, 22.9777



25.2357, 12.6271, 40.8433



12.0261, 7.0368, 9.4235



4.8579, 4.7628, 5.8640



13.2459, 6.3627, 21.6653



0.0459, 0.0220, 0.0751

Previews

White Background



This preview shows how the XYZ color 9.5367, 17.3271, 4.6755 looks on a white background.

Color Contrast Check

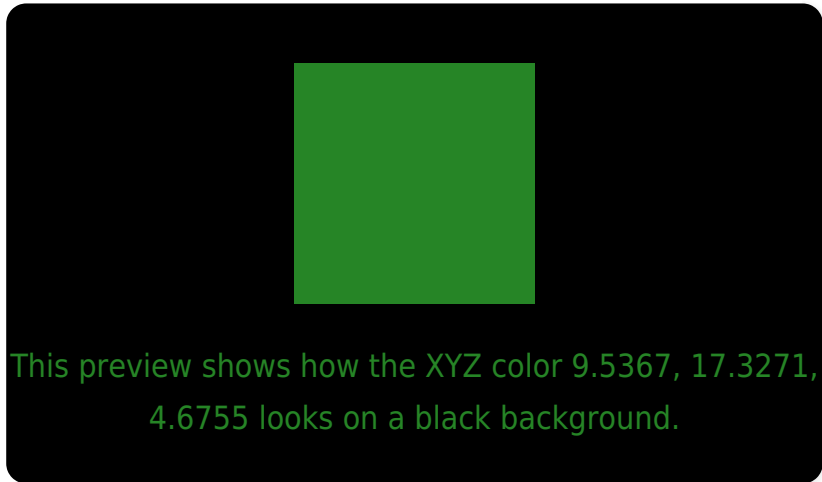
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 9.5367, 17.3271, 4.6755

Background



This preview shows how black text looks on a background with the XYZ color 9.5367, 17.3271, 4.6755.



This preview shows how white text looks on a background with the XYZ color 9.5367, 17.3271,

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

9.5367, 17.3271, 4.6755

Protanopia

15.4585, 17.0384, 3.9128

Deuteranopia

17.3094, 16.9822, 5.0549



Tritanopia

13.6907, 17.2604, 25.1643

Trichromacy



Original Color

9.5367, 17.3271, 4.6755

Protanomaly

12.0868, 16.5272, 4.1431

Deuteranomaly

12.7588, 16.1420, 4.8261

Tritanomaly

11.4171, 16.8918, 14.4631

Monochromacy



Original Color

9.5367, 17.3271, 4.6755

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

9.4226, 12.6754, 8.4285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5367, 17.3271, 4.6755 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(38, 133, 38)` looks like.

```
.text, #text, p{  
    color:rgb(38, 133, 38)  
}
```

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(38, 133, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 133, 38) }
```

Border

The CSS property to change the border of an element to XYZ 9.5367, 17.3271, 4.6755 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(38, 133, 38) }
```


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

```
.border{ border-color:rgb(38, 133, 38) }
```

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

Here you see how a box with a 4 pixel rgb(38, 133, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 133, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 133, 38);  
box-shadow:4px 4px 4px 4px rgb(38, 133,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 9.5367, 17.3271, 4.6755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 133, 38) }
```

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

```
.background{ background-color: rgb(38, 133,  
38) }
```

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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