

Converting Colors

XYZ(9.1425, 17.0599, 6.7403)

Have a look what the booklet for
XYZ(9.1425, 17.0599, 6.7403)
contains.

XYZ(9.1386, 17.0769, 6.6854)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(9.1386, 17.0769,
6.6854)**

Conversions

Conversions Part 1

Format	Color
Hex	018539
RGB	1, 133, 57
RGB Percent	0%, 52%, 22%
CMY	0.9960, 0.4784, 0.7765
CMYK	0.99, 0.00, 0.57, 0.48
HSL	145°, 98%, 26%
HSV	145°, 99%, 52%
XYZ	9.1386, 17.0769, 6.6854
YIQ	84.8680, -54.2760, -51.6200

Conversions

Conversions Part 2

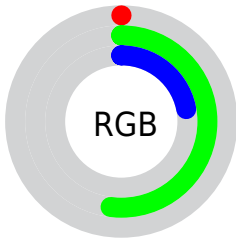
Format	Color
RYB	1, 94, 133
Decimal	99641
CIELab	48.36, -48.34, 32.06
CIELCh	48, 58.004, 146.448
Yxy	17.0769, 0.2778, 0.5190
Android (android.graphics.Color)	4278289721 (0xFF018539)
YUV	84.8680, -13.7389, -73.5522
Hunter-Lab	41.3242, -32.8432, 19.3351

Details

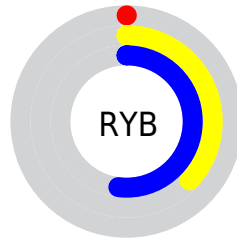
The XYZ color **9.1386, 17.0769, 6.6854** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **11.0240, 5.5445, 7.5119**, and the grayscale version is **8.6437, 9.0938, 9.9032**.

A 20% lighter version of the original color is **23.7652, 38.3306, 19.7817**, and **3.0611, 6.0521, 1.2366** is the 20% darker color. If you saturate the color by 10%, you get **9.1120, 17.0653, 6.6094**, and if you desaturate by 10%, it is **9.5181, 17.2492, 7.7773**.

Distribution



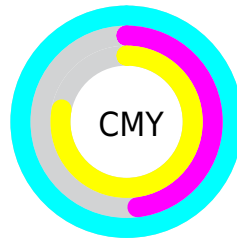
- Red (0%)
- Green (52%)
- Blue (22%)



- Red (0%)
- Yellow (37%)
- Blue (52%)



- Cyan (99%)
- Magenta (0%)
- Yellow (57%)
- Black (48%)





- Cyan (100%)
- Magenta (48%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 9.1386, 17.0769, 6.6854 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 9.1386, 17.0769, 6.6854 by changing the saturation by 10% instead.


 9.1386, 17.0769,
6.6854


 9.1386, 17.0769,
6.6854


178.5938,
235.6151, 174.5539


 4.8895, 10.2893,
3.1907


 23.8268, 38.4579,
19.8394


 2.2167, 5.5912,
1.1928

 34.9967, 53.8202,
30.3359


 0.7515, 2.5981,
0.0000

 49.2042, 72.8095,
44.0033

 0.0000, 0.9257,
0.0000

 66.8147, 95.8102,
61.2602

 0.0000, 0.0000,
0.0000

 88.1935, 123.2067,
82.5252

 113.7061,

155.3835, 108.2168

143.7177,
192.7248, 138.7535

■ 9.1386, 17.0769,
6.6854

■ 9.1386, 17.0769,
6.6854

■ 9.1120, 17.0653,
6.6094

■ 9.5181, 17.2492,
7.7773

■ 10.0362, 17.4891,
9.0322

■ 10.7457, 17.8240,
10.4588

■ 11.6667, 18.2643,
12.0637

■ 12.8165, 18.8186,
13.8531

■ 14.2105, 19.4949,
15.8328

■ 15.8629, 20.3002,
18.0084

■ 17.7865, 21.2413,
20.3852

■ 19.9934, 22.3241,
22.9684

Harmonies

Analogous

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



12.1055, 17.0769, 2.7991



9.1386, 17.0769, 6.6854



8.0422, 17.0769, 16.8451

Triad

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



9.1386, 17.0769, 6.6854



15.6084, 17.0769, 65.5225



27.1603, 17.0769, 8.3957

Complementary

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



9.1386, 17.0769, 6.6854



11.0240, 5.5445, 7.5119

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.



28.6615, 17.0769, 20.4596



9.1386, 17.0769, 6.6854



21.2012, 17.0769, 58.8271

Square

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



9.1386, 17.0769, 6.6854



11.2290, 17.0769, 55.0189



26.2808, 17.0769, 39.8149



22.5338, 17.0769, 3.3421

Rectangle

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



9.1386, 17.0769, 6.6854



8.2935, 17.0769, 28.1325



26.2808, 17.0769, 39.8149



28.0853, 17.0769, 11.4993

Sweetspot

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



9.1390, 17.0776, 6.6858



27.9508, 36.1300, 31.6654



11.5356, 18.3978, 2.9721



6.0521, 8.0203, 6.8152



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.



9.1390, 17.0776, 6.6858



16.2416, 30.5293, 11.4377



11.9135, 18.1874, 21.2958



4.6922, 5.2351, 5.3903



8.6829, 16.2560, 6.3158



0.0336, 0.0577, 0.0404

Inverse Universe

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



11.0240, 5.5445, 7.5119



19.6147, 9.8469, 12.8831



9.7506, 5.0352, 0.8060



4.7765, 4.7303, 5.4357



10.4795, 5.2561, 7.0974



0.0400, 0.0197, 0.0439

Previews

White Background



This preview shows how the XYZ color 9.1386, 17.0769, 6.6854 looks on a white background.

Color Contrast Check

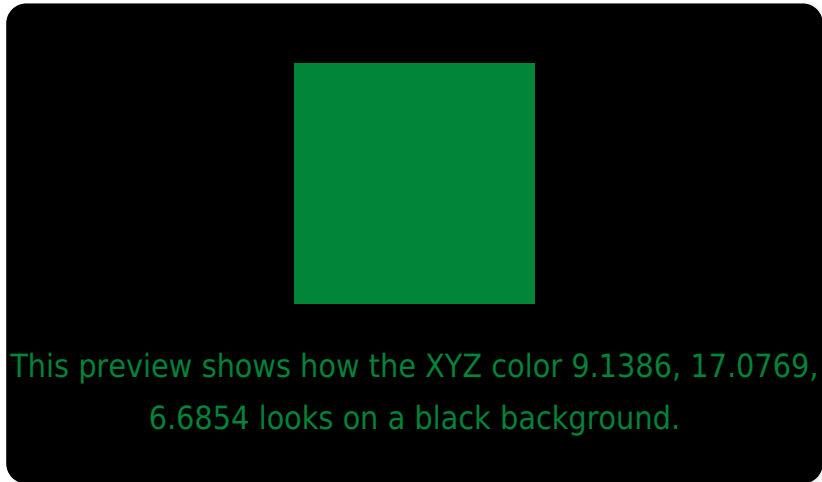
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.1386, 17.0769, 6.6854

Background



This preview shows how black text looks on a background with the XYZ color 9.1386, 17.0769, 6.6854.



This preview shows how white text looks on a background with the XYZ color 9.1386, 17.0769,

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

9.1386, 17.0769, 6.6854

Protanopia

15.4807, 17.0125, 5.5998

Deuteranopia

17.2093, 16.8829, 7.2022



Tritanopia

13.1230, 17.1466, 25.5396

Trichromacy



Original Color

9.1386, 17.0769, 6.6854



Protanomaly

10.9955, 15.9254, 5.8626



Deuteranomaly

11.4406, 15.4176, 6.7878



Tritanomaly

11.0002, 16.8232, 16.5774

Monochromacy



Original Color

9.1386, 17.0769, 6.6854



Achromatopsia

8.6345, 9.0842, 9.8927



Achromatomaly

7.5427, 10.7950, 8.3427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.1386, 17.0769, 6.6854 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(1, 133, 57)` looks like.

```
.text, #text, p{  
    color:rgb(1, 133, 57)  
}
```

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(1, 133, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 133, 57) }
```

Border

The CSS property to change the border of an element to XYZ 9.1386, 17.0769, 6.6854 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(1, 133, 57) }
```


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

```
.border{ border-color:rgb(1, 133, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 133, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 133, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 133, 57);  
box-shadow:4px 4px 4px 4px rgb(1, 133, 57)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.1386, 17.0769, 6.6854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 133, 57) }
```

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

```
.background{ background-color: rgb(1, 133,  
57) }
```

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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