

Converting Colors

XYZ(10.6379, 19.9944, 6.5113)

Have a look what the booklet for
XYZ(10.6379, 19.9944, 6.5113)
contains.

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Color

**XYZ(10.6393, 19.9944,
6.5474)**

Conversions

Conversions Part 1

Format	Color
Hex	0F8F34
RGB	15, 143, 52
RGB Percent	6%, 56%, 20%
CMY	0.9412, 0.4392, 0.7961
CMYK	0.90, 0.00, 0.64, 0.44
HSL	137°, 81%, 31%
HSV	137°, 90%, 56%
XYZ	10.6393, 19.9944, 6.5474
YIQ	94.3540, -47.0770, -55.4370

Conversions

Conversions Part 2

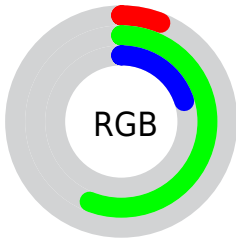
Format	Color
R_{YB}	15, 114, 143
Decimal	1019700
CIE _{Lab}	51.83, -51.41, 38.59
CIE _{LCh}	52, 64.281, 143.101
Yxy	19.9944, 0.2861, 0.5378
Android (android.graphics.Color)	4279209780 (0xFF0F8F34)
YUV	94.3540, -20.8805, -69.5935
Hunter-Lab	44.7151, -35.7800, 22.6190

Details

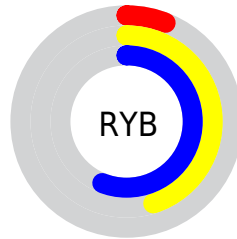
The XYZ color **10.6393, 19.9944, 6.5474** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **14.1006, 7.2222, 14.2870**, and the grayscale version is **10.7798, 11.3412, 12.3505**.

A 20% lighter version of the original color is **26.6169, 43.4222, 19.5488**, and **3.7411, 7.4822, 1.2470** is the 20% darker color. If you saturate the color by 10%, you get **10.2466, 19.8162, 5.4600**, and if you desaturate by 10%, it is **11.2123, 20.2610, 7.9017**.

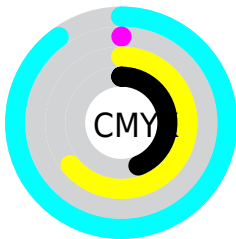
Distribution



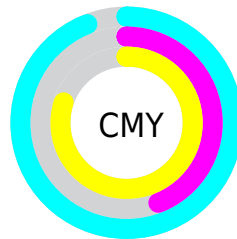
- Red (6%)
- Green (56%)
- Blue (20%)



- Red (6%)
- Yellow (45%)
- Blue (56%)



- Cyan (90%)
- Magenta (0%)
- Yellow (64%)
- Black (44%)





- Cyan (94%)
- Magenta (44%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.6393, 19.9944, 6.5474 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 10.6393, 19.9944, 6.5474 by changing the saturation by 10% instead.


 10.6393, 19.9944,
6.5474


 10.6393, 19.9944,
6.5474


189.1358,
251.8848, 173.3338

 5.8903, 12.3910,
3.1066


 26.6301, 43.4078,
19.5539


 2.8185, 7.0105,
1.1493


 38.6027, 59.9866,
29.9566


 1.0585, 3.4687,
0.0000

 53.7138, 80.3259,
43.5170

 0.0000, 1.3810,
0.0000

 72.3289, 104.8102,
60.6537

 0.0000, 0.2027,
0.0000

 94.8133, 133.8238,
81.7852

 0.0000, 0.0000,
0.0000

 121.5323,

167.7512, 107.3300

152.8514,
206.9767, 137.7067

■ 10.6393, 19.9944,
6.5474

■ 10.6393, 19.9944,
6.5474

■ 10.2466, 19.8162,
5.4600

■ 11.2123, 20.2610,
7.9017

■ 10.2290, 19.8081,
5.4130

■ 12.0253, 20.6447,
9.5396

■ 13.1043, 21.1592,
11.4767

■ 14.4717, 21.8157,
13.7274

■ 16.1471, 22.6241,
16.3046

■ 18.1485, 23.5934,
19.2209

■ 20.4925, 24.7319,
22.4880

■ 23.1945, 26.0473,
26.1171

■ 26.2690, 27.5468,
30.1189

Harmonies

Analogous

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



14.4981, 19.9944, 2.6313



10.6393, 19.9944, 6.5474



9.0787, 19.9944, 17.7368

Triad

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



10.6393, 19.9944, 6.5474



17.5378, 19.9944, 80.3927



33.0224, 19.9944, 10.5048

Complementary

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



10.6393, 19.9944, 6.5474



14.1006, 7.2222, 14.2870

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.



34.3617, 19.9944, 26.3736



10.6393, 19.9944, 6.5474



24.3585, 19.9944, 74.2976

Square

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



10.6393, 19.9944, 6.5474



12.4279, 19.9944, 64.9454



30.8937, 19.9944, 51.2195



27.5671, 19.9944, 3.8325

Rectangle

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



10.6393, 19.9944, 6.5474



9.2233, 19.9944, 30.9633



30.8937, 19.9944, 51.2195



34.0133, 19.9944, 14.6052

Sweetspot

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



10.6398, 19.9952, 6.5479



33.2647, 42.6215, 35.5046



15.9408, 22.7896, 4.0107



7.3573, 9.6426, 7.7569



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.



10.6398, 19.9952, 6.5479



18.2519, 35.4456, 9.3464



13.1299, 20.9913, 19.6607



5.4030, 6.0534, 6.0881



9.0522, 17.5168, 4.8293



0.0951, 0.1709, 0.0915

Inverse Universe

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



14.1006, 7.2222, 14.2870



24.4743, 12.1332, 23.0041



11.9302, 6.3541, 2.8578



5.5607, 5.4848, 6.4507



12.1310, 6.0094, 11.6068



0.1256, 0.0613, 0.1614

Previews

White Background



This preview shows how the XYZ color 10.6393, 19.9944, 6.5474 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 10.6393, 19.9944, 6.5474 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 10.6393, 19.9944, 6.5474

Background



This preview shows how black text looks on a background with the XYZ color 10.6393, 19.9944, 6.5474.



This preview shows how white text looks on a background with the XYZ color 10.6393, 19.9944,

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

10.6393, 19.9944, 6.5474

Protanopia

17.8926, 19.6815, 5.4406

Deuteranopia

19.9394, 19.6281, 7.0127



Tritanopia

15.4396, 20.0243, 29.8394

Trichromacy



Original Color

10.6393, 19.9944, 6.5474



Protanomaly

13.0303, 18.5058, 5.6815



Deuteranomaly

13.6789, 18.0419, 6.6324



Tritanomaly

12.8112, 19.5526, 18.1377

Monochromacy



Original Color

10.6393, 19.9944, 6.5474



Achromatopsia

10.6392, 11.1932, 12.1894



Achromatomaly

9.3854, 13.2767, 9.4651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6393, 19.9944, 6.5474 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(15, 143, 52)` looks like.

```
.text, #text, p{  
    color:rgb(15, 143, 52)  
}
```

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(15, 143, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 143, 52) }
```

Border

The CSS property to change the border of an element to XYZ 10.6393, 19.9944, 6.5474 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(15, 143, 52) }
```


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

```
.border{ border-color:rgb(15, 143, 52) }
```

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

Here you see how a box with a 4 pixel rgb(15, 143, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 143, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 143, 52);  
box-shadow:4px 4px 4px 4px rgb(15, 143,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6393, 19.9944, 6.5474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 143, 52) }
```

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

```
.background{ background-color: rgb(15, 143,  
52) }
```

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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