

Converting Colors

XYZ(10.4919, 13.5161, 2.5461)

Have a look what the booklet for
XYZ(10.4919, 13.5161, 2.5461)
contains.

XYZ(10.4919, 13.5161, 2.5461)	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(10.4919, 13.5161,
2.5461)**

Conversions

Conversions Part 1

Format	Color
Hex	616D10
RGB	97, 109, 16
RGB Percent	38%, 43%, 6%
CMY	0.6196, 0.5725, 0.9372
CMYK	0.11, 0.00, 0.85, 0.57
HSL	68°, 74%, 25%
HSV	68°, 85%, 43%
XYZ	10.4919, 13.5161, 2.5461
YIQ	94.8100, 22.7010, -31.4670

Conversions

Conversions Part 2

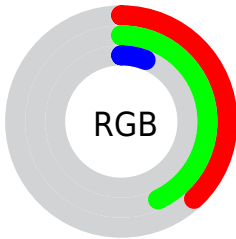
Format	Color
R_{YB}	16, 109, 28
Decimal	6384912
CIE _{Lab}	43.53, -16.75, 45.45
CIE _{LCh}	44, 48.435, 110.229
Yxy	13.5161, 0.3951, 0.5090
Android (android.graphics.Color)	4284574992 (0xFF616D10)
YUV	94.8100, -38.8533, 1.9206
Hunter-Lab	36.7642, -13.3965, 21.6289

Details

The XYZ color **10.4919, 13.5161, 2.5461** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.4250, 1.7219, 14.6207**, and the grayscale version is **10.9183, 11.4869, 12.5093**.

A 20% lighter version of the original color is **26.2227, 32.0553, 10.4354**, and **2.8949, 4.0496, 0.6291** is the 20% darker color. If you saturate the color by 10%, you get **10.2780, 13.4139, 2.1940**, and if you desaturate by 10%, it is **10.7466, 13.6360, 3.0967**.

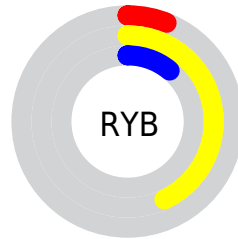
Distribution



Red (38%)

Green (43%)

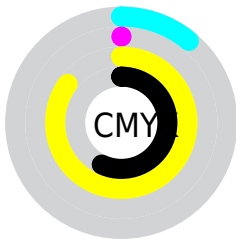
Blue (6%)



Red (6%)

Yellow (43%)

Blue (11%)

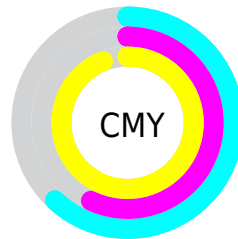


Cyan (11%)

Magenta (0%)

Yellow (85%)

Black (57%)



Cyan (62%)

Magenta (57%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4919, 13.5161, 2.5461 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 10.4919, 13.5161, 2.5461 by changing the saturation by 10% instead.

■ 10.4919, 13.5161,
2.5461

■ 10.4919, 13.5161,
2.5461

188.1289,
214.1993, 130.3512

■ 5.7911, 7.7849,
0.8644

■ 26.3581, 32.2279,
10.4862

■ 2.7579, 3.9576,
0.0000

■ 38.2541, 45.9773,
17.5852

■ 1.0271, 1.6499,
0.0000

■ 53.2792, 63.1682,
27.3281

■ 0.0000, 0.3909,
0.0000

■ 71.7988, 84.1850,
40.1335

■ 0.0000, 0.0000,
0.0000

■ 94.1782, 109.4122,
56.4200

■ 120.7828,

139.2340, 76.6061

151.9779,
174.0349, 101.1103

10.4919, 13.5161,
2.5461

10.4919, 13.5161,
2.5461

10.2780, 13.4139,
2.1940

10.7466, 13.6360,
3.0967

10.1814, 13.3673,
2.0435

11.0506, 13.7753,
3.8938

11.4087, 13.9367,
4.9620

11.8250, 14.1216,
6.3230

12.3034, 14.3317,
7.9963

■ 12.8471, 14.5682,
9.9996

■ 13.4593, 14.8324,
12.3492

■ 14.1430, 15.1256,
15.0607

■ 14.9008, 15.4487,
18.1482

Harmonies

Analogous

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



14.1213, 13.5161, 2.2530



10.4919, 13.5161, 2.5461



8.0273, 13.5161, 5.0072

Triad

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



10.4919, 13.5161, 2.5461



8.7322, 13.5161, 37.2401



21.4321, 13.5161, 18.5434

Complementary

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



10.4919, 13.5161, 2.5461



3.4250, 1.7219, 14.6207

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.



19.2884, 13.5161, 32.4733



10.4919, 13.5161, 2.5461



11.6511, 13.5161, 46.2771

Square

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



10.4919, 13.5161, 2.5461



7.1583, 13.5161, 23.1598



15.5297, 13.5161, 44.1996



20.9530, 13.5161, 8.6245

Rectangle

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



10.4919, 13.5161, 2.5461



7.1448, 13.5161, 8.7343



15.5297, 13.5161, 44.1996



20.9805, 13.5161, 22.9491

Sweetspot

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



10.4922, 13.5167, 2.5464



22.8594, 26.0226, 17.3645



6.7892, 4.0660, 0.9174



5.2607, 6.0301, 3.8219



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.4922, 13.5167, 2.5464



18.1579, 23.8975, 3.6556



6.9610, 11.6963, 2.3811



3.2966, 3.5647, 3.3318



11.8939, 15.6267, 2.3894



60.0911, 79.3602, 12.1509

Inverse Universe

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



3.4250, 1.7219, 14.6207



5.2004, 2.1099, 26.0404



5.7204, 2.9052, 14.7282



2.9814, 3.0422, 3.8649



3.4279, 1.3942, 17.0107



17.0342, 6.8810, 86.6566

Previews

White Background



This preview shows how the XYZ color 10.4919, 13.5161, 2.5461 looks on a white background.

Color Contrast Check

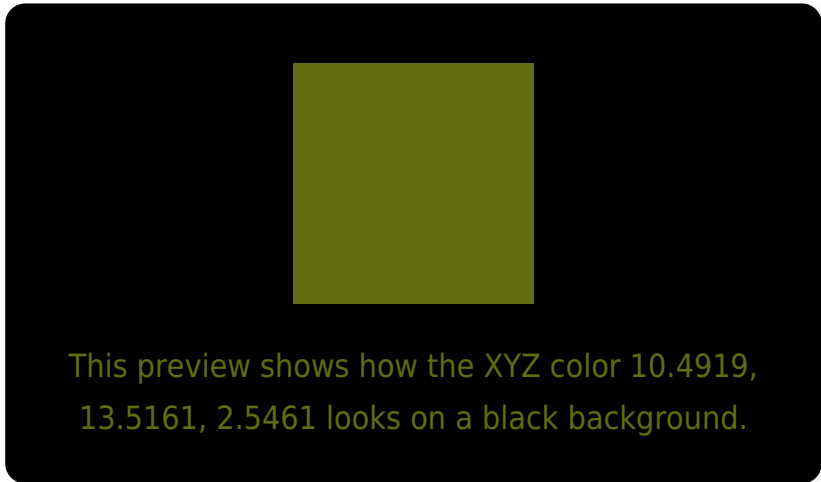
Large Text (above 18pt) WCAG AA ✓ Pass

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

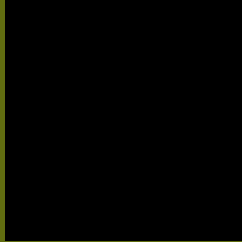
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.4919, 13.5161, 2.5461

Background



This preview shows how black text looks on a background with the XYZ color 10.4919, 13.5161, 2.5461.



This preview shows how white text looks on a background with the XYZ color 10.4919, 13.5161,

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

10.4919, 13.5161, 2.5461

Protanopia

12.1320, 13.4452, 2.3712

Deuteranopia

13.5858, 13.4684, 2.7478



Tritanopia

13.2397, 13.4147, 16.3595

Trichromacy



Original Color

10.4919, 13.5161, 2.5461

Protanomaly

11.4445, 13.3889, 2.4331

Deuteranomaly

12.2228, 13.3388, 2.6399

Tritanomaly

11.6998, 13.2334, 8.5943

Monochromacy



Original Color

10.4919, 13.5161, 2.5461

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.3644, 11.9945, 6.9232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4919, 13.5161, 2.5461 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(97, 109, 16)` looks like.

```
.text, #text, p{  
    color:rgb(97, 109, 16)  
}
```

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(97, 109, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 109, 16) }
```

Border

The CSS property to change the border of an element to XYZ 10.4919, 13.5161, 2.5461 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(97, 109, 16) }
```


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

```
.border{ border-color:rgb(97, 109, 16) }
```

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

Here you see how a box with a 4 pixel rgb(97, 109, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 109, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 109, 16);  
box-shadow:4px 4px 4px 4px rgb(97, 109,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4919, 13.5161, 2.5461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 109, 16) }
```

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

```
.background{ background-color: rgb(97, 109,  
16) }
```

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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