

Converting Colors

XYZ(14.0021, 10.5799, 1.6066)

Have a look what the booklet for
XYZ(14.0021, 10.5799, 1.6066)
contains.

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Color

**XYZ(13.9907, 10.5504,
1.6156)**

Conversions

Conversions Part 1

Format	Color
Hex	91470B
RGB	145, 71, 11
RGB Percent	57%, 28%, 4%
CMY	0.4314, 0.7215, 0.9569
CMYK	0.00, 0.51, 0.92, 0.43
HSL	27°, 86%, 31%
HSV	27°, 92%, 57%
XYZ	13.9907, 10.5504, 1.6156
YIQ	86.2860, 63.3640, -2.9720

Conversions

Conversions Part 2

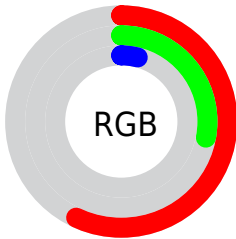
Format	Color
R_{YB}	145, 120, 11
Decimal	9520907
CIE _{Lab}	38.81, 27.74, 45.36
CIE _{LCh}	39, 53.168, 58.553
Yxy	10.5504, 0.5349, 0.4034
Android (android.graphics.Color)	4287710987 (0xFF91470B)
YUV	86.2860, -37.1160, 51.4922
Hunter-Lab	32.4814, 20.0429, 19.7879

Details

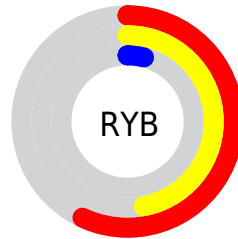
The XYZ color **13.9907, 10.5504, 1.6156** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.4970, 8.6118, 28.0023**, and the grayscale version is **8.9738, 9.4411, 10.2813**.

A 20% lighter version of the original color is **32.6087, 26.8599, 8.0232**, and **4.3511, 2.7280, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **13.5633, 9.7923, 1.1752**, and if you desaturate by 10%, it is **14.6547, 11.6858, 2.4315**.

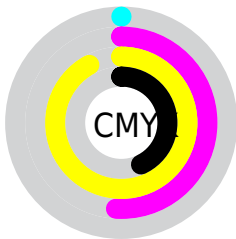
Distribution



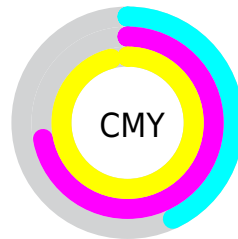
- Red (57%)
- Green (28%)
- Blue (4%)



- Red (57%)
- Yellow (47%)
- Blue (4%)



- Cyan (0%)
- Magenta (51%)
- Yellow (92%)
- Black (43%)





- Cyan (43%)
- Magenta (72%)
- Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9907, 10.5504, 1.6156 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 13.9907, 10.5504, 1.6156 by changing the saturation by 10% instead.


 13.9907, 10.5504,
1.6156


 13.9907, 10.5504,
1.6156


 210.6847,
194.5565, 116.0894


 8.1959, 5.7654,
0.3019


 32.6589, 26.8257,
7.9604


 4.2734, 2.7030,
0.0000

 46.2630, 39.0848,
13.9688


 1.8579, 0.9787,
0.0000

 63.2009, 54.6041,
22.4257

 0.5522, 0.0000,
0.0000


 83.8380, 73.7679,
33.7499


 0.0000, 0.0000,
0.0000


 108.5395, 96.9606,
48.3598


 137.6709,


124.5667, 66.6740


 171.5975,
156.9705, 89.1110


 13.9907, 10.5504,
1.6156


 13.9907, 10.5504,
1.6156


 13.5633, 9.7923,
1.1752

 14.6547, 11.6858,
2.4315

 15.4697, 12.9924,
3.7000

 16.4492, 14.4798,
5.4800

 17.6047, 16.1564,
7.8210

 18.9465, 18.0295,
10.7668

■ 20.4840, 20.1063,
14.3568

■ 22.2258, 22.3933,
18.6267

■ 24.1802, 24.8968,
23.6101

■ 26.3546, 27.6229,
29.3378

Harmonies

Analogous

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



17.2273, 10.5504, 4.4890



13.9907, 10.5504, 1.6156



10.1998, 10.5504, 0.9625

Triad

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



13.9907, 10.5504, 1.6156



4.6684, 10.5504, 11.0048



13.6242, 10.5504, 38.3204

Complementary

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



13.9907, 10.5504, 1.6156



8.4970, 8.6118, 28.0023

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.



9.8578, 10.5504, 43.8146



13.9907, 10.5504, 1.6156



5.1793, 10.5504, 23.4701

Square

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



13.9907, 10.5504, 1.6156



5.2901, 10.5504, 4.0508



6.8943, 10.5504, 37.2375



16.9832, 10.5504, 24.8623

Rectangle

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



13.9907, 10.5504, 1.6156



8.0243, 10.5504, 1.1673



6.8943, 10.5504, 37.2375



12.3398, 10.5504, 41.4152

Sweetspot

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



13.9909, 10.5510, 1.6158



37.8346, 37.5310, 28.4920



13.5142, 6.9461, 9.6310



8.1575, 8.0059, 5.7119



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.



13.9909, 10.5510, 1.6158



24.1211, 17.1989, 2.0484



20.5509, 23.6708, 3.8024



5.5952, 5.7968, 5.7134



11.6590, 8.4498, 1.0165



0.1329, 0.1237, 0.0169

Inverse Universe

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



8.4970, 8.6118, 28.0023



14.1233, 13.6022, 49.8547



5.4978, 2.6135, 27.0025



5.3609, 5.7176, 6.8498



6.8748, 6.7357, 23.9149



0.0878, 0.1085, 0.2360

Previews

White Background



This preview shows how the XYZ color 13.9907, 10.5504, 1.6156 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 13.9907, 10.5504, 1.6156

Background



This preview shows how black text looks on a background with the XYZ color 13.9907, 10.5504, 1.6156.



This preview shows how white text looks on a background with the XYZ color 13.9907, 10.5504,

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

13.9907, 10.5504, 1.6156

Protanopia

9.6372, 10.6378, 2.0757

Deuteranopia

10.6107, 10.5294, 1.4731



Tritanopia

15.1182, 10.5544, 7.2016

Trichromacy



Original Color

13.9907, 10.5504, 1.6156

Protanomaly

10.8643, 10.2971, 1.8669

Deuteranomaly

11.7167, 10.4057, 1.5058

Tritanomaly

14.4756, 10.4670, 4.1631

Monochromacy



Original Color

13.9907, 10.5504, 1.6156

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.7953, 9.3264, 5.4216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9907, 10.5504, 1.6156 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(145, 71, 11)` looks like.

```
.text, #text, p{  
    color:rgb(145, 71, 11)  
}
```

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(145, 71, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 71, 11) }
```

Border

The CSS property to change the border of an element to XYZ 13.9907, 10.5504, 1.6156 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(145, 71, 11) }
```


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

```
.border{ border-color:rgb(145, 71, 11) }
```

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

Here you see how a box with a 4 pixel rgb(145, 71, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 71, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 71, 11);  
box-shadow:4px 4px 4px 4px rgb(145, 71,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9907, 10.5504, 1.6156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 71, 11) }
```

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

```
.background{ background-color: rgb(145, 71,  
11) }
```

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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