

Converting Colors

XYZ(14.7285, 8.3454, 2.0708)

Have a look what the booklet for
XYZ(14.7285, 8.3454, 2.0708)
contains.

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Color

**XYZ(14.6555, 8.2949,
2.0569)**

Conversions

Conversions Part 1

Format	Color
Hex	9D201E
RGB	157, 32, 30
RGB Percent	62%, 13%, 12%
CMY	0.3843, 0.8745, 0.8824
CMYK	0.00, 0.80, 0.81, 0.38
HSL	1°, 68%, 37%
HSV	1°, 81%, 62%
XYZ	14.6555, 8.2949, 2.0569
YIQ	69.1470, 75.1420, 25.8780

Conversions

Conversions Part 2

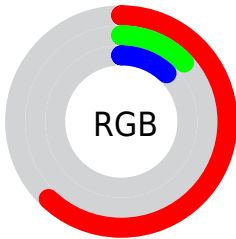
Format	Color
R_{YB}	157, 32, 30
Decimal	10297374
CIE Lab	34.59, 50.06, 33.96
CIE LCh	35, 60.489, 34.152
Yxy	8.2949, 0.5860, 0.3317
Android (android.graphics.Color)	4288487454 (0xFF9D201E)
YUV	69.1470, -19.2995, 77.0471
Hunter-Lab	28.8009, 40.4293, 15.9262

Details

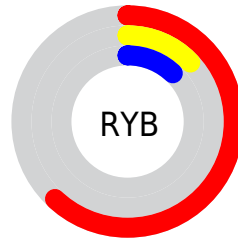
The XYZ color **14.6555, 8.2949, 2.0569** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **18.3406, 26.1491, 35.9787**, and the grayscale version is **5.7035, 6.0005, 6.5346**.

A 20% lighter version of the original color is **33.7558, 22.5582, 9.2316**, and **4.9298, 2.5414, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **14.1795, 7.5880, 1.1435**, and if you desaturate by 10%, it is **15.4269, 9.4331, 3.5615**.

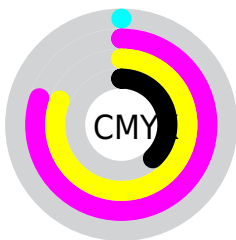
Distribution



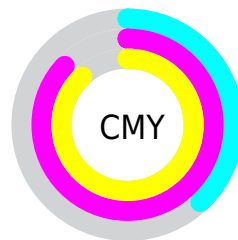
- Red (62%)
- Green (13%)
- Blue (12%)



- Red (62%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (80%)
- Yellow (81%)
- Black (38%)





- Cyan (38%)
- Magenta (87%)
- Yellow (88%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6555, 8.2949, 2.0569 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 14.6555, 8.2949, 2.0569 by changing the saturation by 10% instead.

 14.6555, 8.2949,
2.0569


 14.6555, 8.2949,
2.0569


214.7015,
178.0271, 123.2541


 8.6627, 4.2842,
0.5899


 33.8243, 22.5346,
9.1958


 4.5772, 1.8338,
0.0000


 47.7311, 33.5323,
15.7511


 2.0336, 0.5081,
0.0000

 65.0065, 47.6279,
24.8552

 0.6527, 0.0000,
0.0000


 86.0160, 65.2058,
36.9264


 0.0000, 0.0000,
0.0000


 111.1248, 86.6502,
52.3834


 140.6985,


112.3456, 71.6446


 175.1022,
142.6765, 95.1287


 14.6555, 8.2949,
2.0569


 14.6555, 8.2949,
2.0569

 14.1795, 7.5880,
1.1435


 15.4269, 9.4331,
3.5615

 13.9315, 7.2220,
0.6597

 16.5304, 11.0548,
5.7341

 17.9980, 13.2061,
8.6401

 19.8578, 15.9276,
12.3372

 22.1352, 19.2559,
16.8773

■ 24.8534, 23.2245,
22.3079

■ 28.0337, 27.8645,
28.6730

■ 31.6965, 33.2049,
36.0136

■ 35.8605, 39.2732,
44.3683

Harmonies

Analogous

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



16.4054, 8.2949, 7.7385



14.6555, 8.2949, 2.0569



11.1045, 8.2949, 0.3635

Triad

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



14.6555, 8.2949, 2.0569



3.3308, 8.2949, 3.0667



8.3687, 8.2949, 43.7243

Complementary

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



14.6555, 8.2949, 2.0569



18.3406, 26.1491, 35.9787

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.



5.3555, 8.2949, 38.6919



14.6555, 8.2949, 2.0569



2.9837, 8.2949, 10.4616

Square

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



14.6555, 8.2949, 2.0569



4.7446, 8.2949, 0.6697



3.6055, 8.2949, 24.2202



12.1707, 8.2949, 35.2133

Rectangle

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



14.6555, 8.2949, 2.0569



8.5717, 8.2949, 0.0000



3.6055, 8.2949, 24.2202



7.2342, 8.2949, 43.5857

Sweetspot

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



14.6557, 8.2954, 2.0570



42.6791, 38.9203, 36.2909



20.4546, 10.5309, 32.8527



9.0382, 8.0486, 7.2801



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.6557, 8.2954, 2.0570



25.0358, 13.0517, 1.3754



18.0972, 15.1785, 3.2042



6.6411, 6.6621, 6.9216



11.3176, 5.8709, 0.5367



0.2046, 0.1094, 0.0103

Inverse Universe

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



18.3406, 26.1491, 35.9787



31.8312, 46.1101, 64.3492



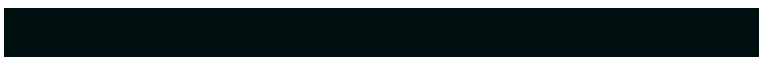
10.5795, 10.6270, 33.3917



6.8128, 7.4914, 8.4936



14.3998, 20.8911, 29.1807



0.2600, 0.3786, 0.5226

Previews

White Background



This preview shows how the XYZ color 14.6555, 8.2949, 2.0569 looks on a white background.

Color Contrast Check

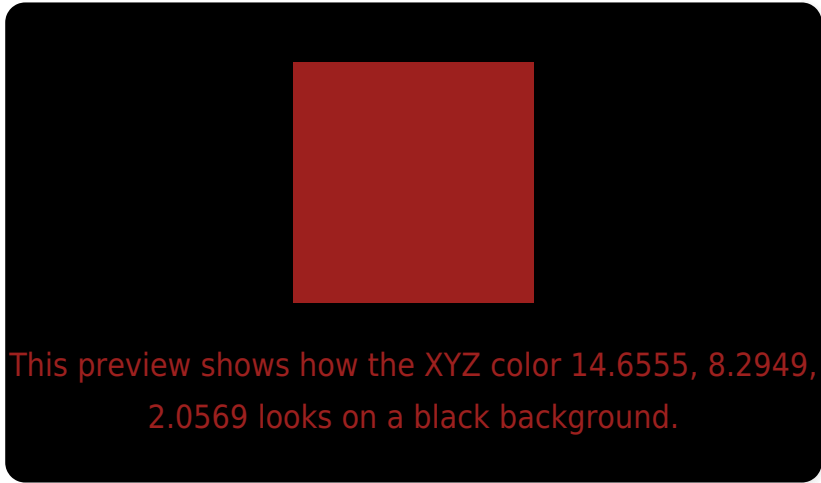
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 14.6555, 8.2949, 2.0569

Background



This preview shows how black text looks on a background with the XYZ color 14.6555, 8.2949, 2.0569.



This preview shows how white text looks on a background with the XYZ color 14.6555, 8.2949,

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

14.6555, 8.2949, 2.0569

Protanopia

7.8623, 8.5925, 3.6270

Deuteranopia

8.6141, 8.5787, 1.7741



Tritanopia

14.6819, 8.3054, 2.1958

Trichromacy



Original Color

14.6555, 8.2949, 2.0569

Protanomaly

9.2698, 7.4581, 2.8704

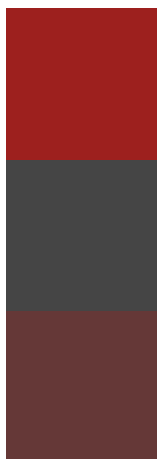
Deuteranomaly

10.0358, 7.7141, 1.7191

Tritanomaly

14.6685, 8.3001, 2.1253

Monochromacy



Original Color

14.6555, 8.2949, 2.0569

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

7.4706, 5.8709, 4.3539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6555, 8.2949, 2.0569 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(157, 32, 30)` looks like.

```
.text, #text, p{  
    color:rgb(157, 32, 30)  
}
```

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(157, 32, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 32, 30) }
```

Border

The CSS property to change the border of an element to XYZ 14.6555, 8.2949, 2.0569 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(157, 32, 30) }
```


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

```
.border{ border-color:rgb(157, 32, 30) }
```

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

Here you see how a box with a 4 pixel rgb(157, 32, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 32, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 32, 30);  
box-shadow:4px 4px 4px 4px rgb(157, 32,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6555, 8.2949, 2.0569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 32, 30) }
```

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

```
.background{ background-color: rgb(157, 32,  
30) }
```

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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