

Converting Colors

XYZ(13.8920, 9.1327, 3.6154)

Have a look what the booklet for
XYZ(13.8920, 9.1327, 3.6154)
contains.

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Color

**XYZ(13.8920, 9.1327,
3.6154)**

Conversions

Conversions Part 1

Format	Color
Hex	93372E
RGB	147, 55, 46
RGB Percent	58%, 22%, 18%
CMY	0.4235, 0.7843, 0.8196
CMYK	0.00, 0.63, 0.69, 0.42
HSL	5°, 52%, 38%
HSV	5°, 69%, 58%
XYZ	13.8920, 9.1327, 3.6154
YIQ	81.4820, 57.7210, 16.7050

Conversions

Conversions Part 2

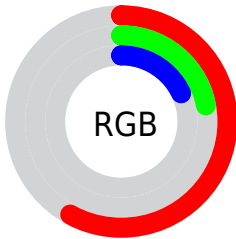
Format	Color
R_{YB}	147, 56, 46
Decimal	9647918
CIE Lab	36.24, 38.21, 25.78
CIE LCh	36, 46.097, 34.010
Yxy	9.1327, 0.5215, 0.3428
Android (android.graphics.Color)	4287837998 (0xFF93372E)
YUV	81.4820, -17.4926, 57.4593
Hunter-Lab	30.2204, 29.1691, 14.0611

Details

The XYZ color **13.8920, 9.1327, 3.6154** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15.4810, 20.8630, 30.8147**, and the grayscale version is **7.9427, 8.3563, 9.1000**.

A 20% lighter version of the original color is **32.5394, 24.2026, 13.0818**, and **4.2164, 2.1737, 0.1973** is the 20% darker color. If you saturate the color by 10%, you get **13.0983, 7.9324, 2.1580**, and if you desaturate by 10%, it is **14.9580, 10.7189, 5.6533**.

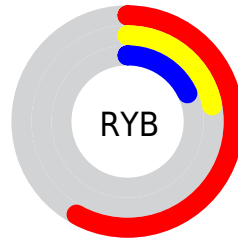
Distribution



Red (58%)

Green (22%)

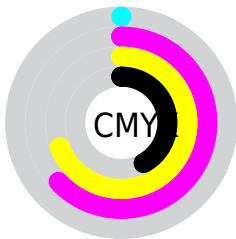
Blue (18%)



Red (58%)

Yellow (22%)

Blue (18%)

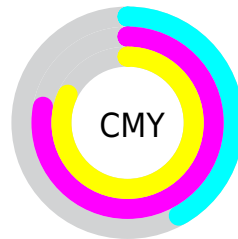


Cyan (0%)

Magenta (63%)

Yellow (69%)

Black (42%)



Cyan (42%)


Magenta (78%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.8920, 9.1327, 3.6154 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 13.8920, 9.1327, 3.6154 by changing the saturation by 10% instead.


 13.8920, 9.1327,
3.6154


 13.8920, 9.1327,
3.6154


210.0820,
184.3648, 143.8495


 8.1268, 4.8278,
1.4168


 32.4851, 24.1509,
13.1126


 4.2287, 2.1466,
0.1548

 46.0438, 35.6330,
21.2482


 1.8323, 0.6906,
0.0000

 62.9309, 50.2763,
32.2000

 0.5370, 0.0000,
0.0000

 83.5120, 68.4652,
46.3865

 0.0000, 0.0000,
0.0000

 108.1523, 90.5841,
64.2261

 137.2171,

117.0174, 86.1374

171.0719,
148.1495, 112.5391

■ 13.8920, 9.1327,
3.6154

■ 13.8920, 9.1327,
3.6154

■ 13.0983, 7.9324,
2.1580

■ 14.9580, 10.7189,
5.6533

■ 12.5513, 7.0836,
1.2198

■ 16.3174, 12.7187,
8.3237

■ 12.2115, 6.5443,
0.6741

■ 17.9902, 15.1587,
11.6731

■ 12.1779, 6.4936,
0.6115

■ 19.9943, 18.0632,
15.7437

■ 22.3462, 21.4544,
20.5742

■ 25.0615, 25.3534,
26.2006

■ 28.1545, 29.7798,
32.6564

■ 31.6390, 34.7522,
39.9735

■ 35.5282, 40.2884,
48.1819

Harmonies

Analogous

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



15.1585, 9.1327, 8.9140



13.8920, 9.1327, 3.6154



11.2324, 9.1327, 1.5654

Triad

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



13.8920, 9.1327, 3.6154



4.7160, 9.1327, 4.6416



9.0585, 9.1327, 34.2743

Complementary

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



13.8920, 9.1327, 3.6154



15.4810, 20.8630, 30.8147

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.



6.5475, 9.1327, 30.9500



13.8920, 9.1327, 3.6154



4.3744, 9.1327, 11.0503

Square

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



13.8920, 9.1327, 3.6154



6.0268, 9.1327, 1.8978



4.9686, 9.1327, 21.1621



12.0168, 9.1327, 28.7293

Rectangle

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



13.8920, 9.1327, 3.6154



9.2487, 9.1327, 1.1770



4.9686, 9.1327, 21.1621



8.1358, 9.1327, 34.1695

Sweetspot

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



13.8922, 9.1332, 3.6156



38.8080, 36.6784, 34.3497



17.6394, 10.0090, 25.2690



8.6159, 8.0224, 7.3414



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



13.8922, 9.1332, 3.6156



22.9174, 13.3741, 2.9193



17.5689, 16.4865, 4.8411



5.8399, 5.8936, 6.0703



10.5665, 5.6474, 0.5331



0.1375, 0.0856, 0.0093

Inverse Universe

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



15.4810, 20.8630, 30.8147



25.8804, 35.6702, 54.9556



9.8898, 9.6807, 28.9510



5.9204, 6.4747, 7.4074



11.9530, 16.6009, 26.5053



0.1567, 0.2240, 0.3279

Previews

White Background



This preview shows how the XYZ color 13.8920, 9.1327, 3.6154 looks on a white background.

Color Contrast Check

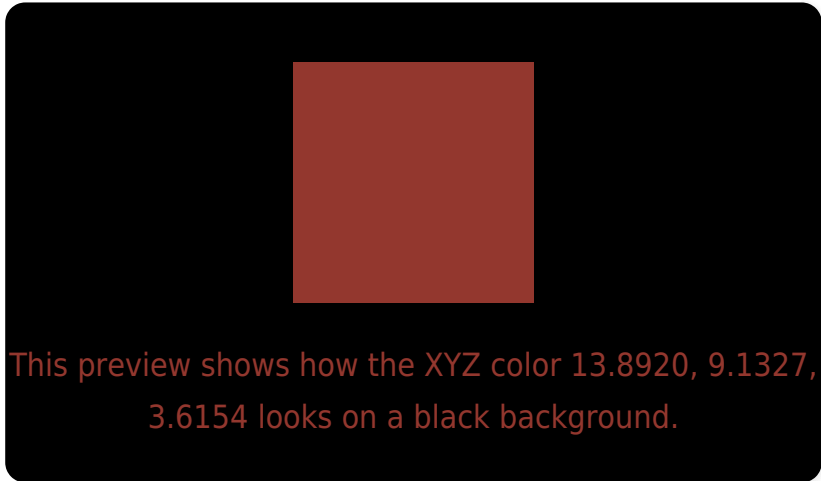
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.8920, 9.1327, 3.6154

Background



This preview shows how black text looks on a background with the XYZ color 13.8920, 9.1327, 3.6154.



This preview shows how white text looks on a background with the XYZ color 13.8920, 9.1327,

3.6154.

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

13.8920, 9.1327, 3.6154

Protanopia

8.5805, 9.2781, 5.2095

Deuteranopia

9.3614, 9.2589, 3.3916



Tritanopia

14.0903, 9.1368, 4.8918

Trichromacy



Original Color

13.8920, 9.1327, 3.6154

Protanomaly

9.9687, 8.7999, 4.5413

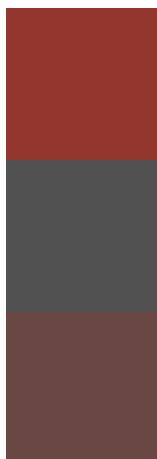
Deuteranomaly

10.6386, 8.8741, 3.4377

Tritanomaly

13.9944, 9.0984, 4.3867

Monochromacy



Original Color

13.8920, 9.1327, 3.6154

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

9.1865, 8.0553, 6.5395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8920, 9.1327, 3.6154 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(147, 55, 46)` looks like.

```
.text, #text, p{  
    color:rgb(147, 55, 46)  
}
```

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(147, 55, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 55, 46) }
```

Border

The CSS property to change the border of an element to XYZ 13.8920, 9.1327, 3.6154 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(147, 55, 46) }
```


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

```
.border{ border-color:rgb(147, 55, 46) }
```

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

Here you see how a box with a 4 pixel rgb(147, 55, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 55, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 55, 46);  
box-shadow:4px 4px 4px 4px rgb(147, 55,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8920, 9.1327, 3.6154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 55, 46) }
```

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

```
.background{ background-color: rgb(147, 55,  
46) }
```

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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