

Converting Colors

XYZ(14.0895, 8.5916, 3.0140)

Have a look what the booklet for
XYZ(14.0895, 8.5916, 3.0140)
contains.

XYZ(14.1011, 8.6162, 3.0177)	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(14.1011, 8.6162,
3.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	972D29
RGB	151, 45, 41
RGB Percent	59%, 18%, 16%
CMY	0.4078, 0.8235, 0.8392
CMYK	0.00, 0.70, 0.73, 0.41
HSL	2°, 57%, 38%
HSV	2°, 73%, 59%
XYZ	14.1011, 8.6162, 3.0177
YIQ	76.2380, 64.4600, 21.2280

Conversions

Conversions Part 2

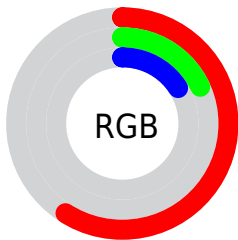
Format	Color
R_{YB}	151, 45, 41
Decimal	9907497
CIE _{Lab}	35.23, 43.85, 27.81
CIE _{LCh}	35, 51.928, 32.381
Yxy	8.6162, 0.5479, 0.3348
Android (android.graphics.Color)	4288097577 (0xFF972D29)
YUV	76.2380, -17.3723, 65.5663
Hunter-Lab	29.3534, 34.3815, 14.4520

Details

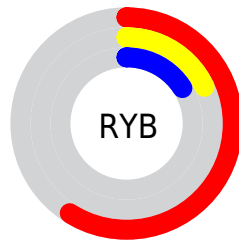
The XYZ color **14.1011, 8.6162, 3.0177** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.9328, 23.5707, 32.9350**, and the grayscale version is **6.9364, 7.2976, 7.9471**.

A 20% lighter version of the original color is **32.9520, 23.2724, 11.7721**, and **4.5142, 2.3272, 0.2113** is the 20% darker color. If you saturate the color by 10%, you get **13.4237, 7.6053, 1.7319**, and if you desaturate by 10%, it is **15.0714, 10.0513, 4.9000**.

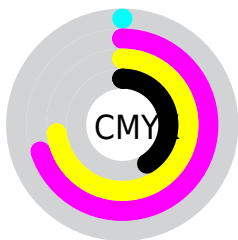
Distribution



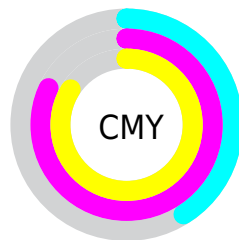
- Red (59%)
- Green (18%)
- Blue (16%)



- Red (59%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (70%)
- Yellow (73%)
- Black (41%)





- Cyan (41%)
- Magenta (82%)
- Yellow (84%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1011, 8.6162, 3.0177 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 14.1011, 8.6162, 3.0177 by changing the saturation by 10% instead.


 14.1011, 8.6162,
3.0177


 14.1011, 8.6162,
3.0177


211.3569,
180.4884, 136.5857


 8.2732, 4.4917,
1.1037


 32.8531, 23.1579,
11.6721

 4.3235, 1.9522,
0.0000

 46.5078, 34.3438,
19.2495


 1.8867, 0.5795,
0.0000

 63.5023, 48.6524,
29.5519

 0.5691, 0.0000,
0.0000

 84.2018, 66.4680,
42.9976

 0.0000, 0.0000,
0.0000

 108.9716, 88.1750,
60.0053

 138.1772,

114.1578, 80.9936

172.1838,
144.8008, 106.3809

14.1011, 8.6162,
3.0177

14.1011, 8.6162,
3.0177

13.4237, 7.6053,
1.7319

15.0714, 10.0513,
4.9000

13.0056, 6.9708,
0.9706

16.3621, 11.9487,
7.4389

12.8221, 6.6987,
0.6172

17.9981, 14.3438,
10.6877

20.0019, 17.2684,
14.6939

22.3938, 20.7516,
19.5011

■ 25.1928, 24.8201,
25.1495

■ 28.4167, 29.4993,
31.6767

■ 32.0822, 34.8128,
39.1179

■ 36.2050, 40.7831,
47.5064

Harmonies

Analogous

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



15.4238, 8.6162, 8.7108



14.1011, 8.6162, 3.0177



11.1701, 8.6162, 1.0319

Triad

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



14.1011, 8.6162, 3.0177



4.0631, 8.6162, 3.6119



8.4318, 8.6162, 37.5225

Complementary

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



14.1011, 8.6162, 3.0177



16.9328, 23.5707, 32.9350

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.



5.7926, 8.6162, 33.0030



14.1011, 8.6162, 3.0177



3.6673, 8.6162, 10.0860

Square

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



14.1011, 8.6162, 3.0177



5.4688, 8.6162, 1.1979



4.2154, 8.6162, 21.3247



11.6893, 8.6162, 31.4382

Rectangle

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



14.1011, 8.6162, 3.0177



8.9795, 8.6162, 0.6487



4.2154, 8.6162, 21.3247



7.4472, 8.6162, 37.1915

Sweetspot

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



14.1013, 8.6167, 3.0178



40.2944, 37.4395, 35.3061



18.8479, 10.2822, 28.7321



8.9019, 8.1363, 7.5082



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.1013, 8.6167, 3.0178



23.5471, 12.8748, 2.1937



17.6879, 15.7898, 4.2134



6.2259, 6.2570, 6.4854



10.9129, 5.7081, 0.5266



0.1674, 0.0938, 0.0093

Inverse Universe

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



16.9328, 23.5707, 32.9350



28.8586, 41.0968, 58.8451



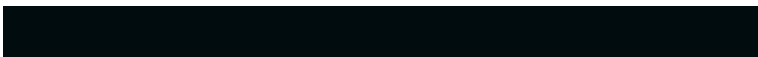
10.3564, 10.4179, 30.7429



6.3653, 6.9879, 7.9423



13.4357, 19.2681, 27.9187



0.2060, 0.2983, 0.4191

Previews

White Background



This preview shows how the XYZ color 14.1011, 8.6162, 3.0177 looks on a white background.

Color Contrast Check

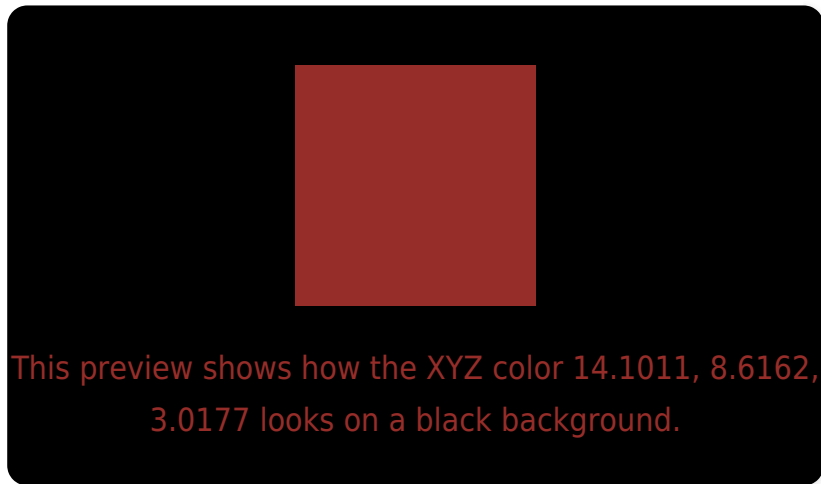
Large Text (above 18pt) WCAG AA ✓ Pass

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

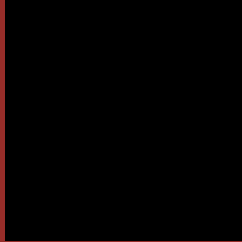
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1011, 8.6162, 3.0177

Background



This preview shows how black text looks on a background with the XYZ color 14.1011, 8.6162, 3.0177.

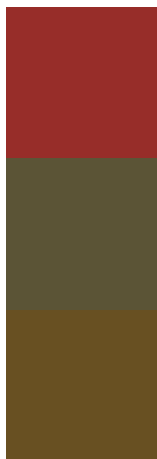


This preview shows how white text looks on a background with the XYZ color 14.1011, 8.6162,

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

14.1011, 8.6162, 3.0177

Protanopia

8.1506, 8.8311, 4.7650

Deuteranopia

8.8663, 8.7959, 2.7438



Tritanopia

14.1563, 8.5779, 3.4944

Trichromacy



Original Color

14.1011, 8.6162, 3.0177

Protanomaly

9.5546, 8.1128, 3.9681

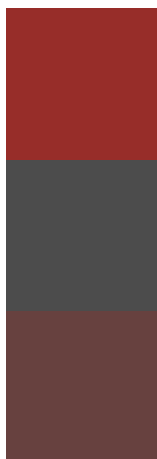
Deuteranomaly

10.2262, 8.2128, 2.7965

Tritanomaly

14.1178, 8.5625, 3.2915

Monochromacy



Original Color

14.1011, 8.6162, 3.0177

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

8.3810, 7.0230, 5.6165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1011, 8.6162, 3.0177 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(151, 45, 41)` looks like.

```
.text, #text, p{  
    color:rgb(151, 45, 41)  
}
```

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(151, 45, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 45, 41) }
```

Border

The CSS property to change the border of an element to XYZ 14.1011, 8.6162, 3.0177 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(151, 45, 41) }
```


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

```
.border{ border-color:rgb(151, 45, 41) }
```

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

Here you see how a box with a 4 pixel rgb(151, 45, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 45, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 45, 41);  
box-shadow:4px 4px 4px 4px rgb(151, 45,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1011, 8.6162, 3.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 45, 41) }
```

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

```
.background{ background-color: rgb(151, 45,  
41) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor