

Converting Colors

XYZ(11.2727, 6.6630, 1.1150)

Have a look what the booklet for
XYZ(11.2727, 6.6630, 1.1150)
contains.

XYZ(11.2988, 6.6647, 1.1064)	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(11.2988, 6.6647,
1.1064)**

Conversions

Conversions Part 1

Format	Color
Hex	8B220E
RGB	139, 34, 14
RGB Percent	55%, 13%, 5%
CMY	0.4549, 0.8666, 0.9451
CMYK	0.00, 0.76, 0.90, 0.45
HSL	10°, 82%, 30%
HSV	10°, 90%, 55%
XYZ	11.2988, 6.6647, 1.1064
YIQ	63.1150, 69.0000, 16.0400

Conversions

Conversions Part 2

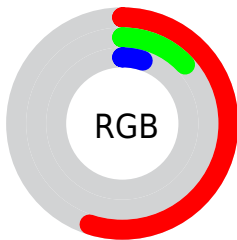
Format	Color
RYB	139, 38, 14
Decimal	9118222
CIELab	31.03, 43.13, 37.77
CIELCh	31, 57.329, 41.209
Yxy	6.6647, 0.5925, 0.3495
Android (android.graphics.Color)	4287308302 (0xFF8B220E)
YUV	63.1150, -24.2137, 66.5511
Hunter-Lab	25.8161, 32.9451, 15.5303

Details

The XYZ color **11.2988, 6.6647, 1.1064** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.4376, 15.1499, 26.7475**, and the grayscale version is **4.7695, 5.0179, 5.4645**.

A 20% lighter version of the original color is **27.7508, 19.2743, 6.3954**, and **3.3083, 1.7055, 0.1548** is the 20% darker color. If you saturate the color by 10%, you get **10.9413, 6.0757, 0.5990**, and if you desaturate by 10%, it is **11.8205, 7.5016, 1.9174**.

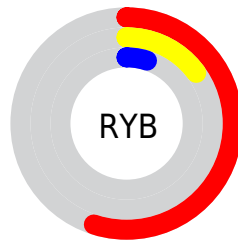
Distribution



Red (55%)

Green (13%)

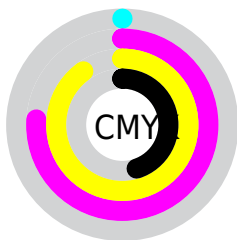
Blue (5%)



Red (55%)

Yellow (15%)

Blue (5%)

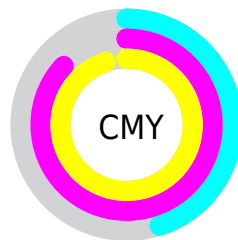


Cyan (0%)

Magenta (76%)

Yellow (90%)

Black (45%)



Cyan (45%)


Magenta (87%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.2988, 6.6647, 1.1064 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 11.2988, 6.6647, 1.1064 by changing the saturation by 10% instead.


 11.2988, 6.6647,
1.1064


 11.2988, 6.6647,
1.1064


 193.5724,
164.8478, 106.4380


 6.3370, 3.2533,
0.0000


 27.8395, 19.2954,
6.4098


 3.0936, 1.2654,
0.0000

 40.1490, 29.2836,
11.6852


 1.2035, 0.1141,
0.0000

 55.6385, 42.2327,
19.2678

 0.1091, 0.0000,
0.0000


 74.6733, 58.5273,
29.5762


 0.0000, 0.0000,
0.0000


 97.6187, 78.5517,
43.0289


 124.8401,

102.6903, 60.0444


 156.7029,
131.3276, 81.0412

 11.2988, 6.6647,
1.1064


 11.2988, 6.6647,
1.1064


 10.9413, 6.0757,
0.5990


 11.8205, 7.5016,
1.9174

 10.9391, 6.0722,
0.5955

 12.5427, 8.6164,
3.1740

 13.4841, 10.0319,
4.9289

 14.6612, 11.7677,
7.2273

 16.0887, 13.8422,
10.1094

■ 17.7802, 16.2721,
13.6114

■ 19.7482, 19.0730,
17.7668

■ 22.0045, 22.2597,
22.6064

■ 24.5601, 25.8460,
28.1594

Harmonies

Analogous

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



13.2039, 6.6647, 4.6571



11.2988, 6.6647, 1.1064



8.2282, 6.6647, 0.0000

Triad

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



11.2988, 6.6647, 1.1064



2.4874, 6.6647, 3.3423



7.4378, 6.6647, 35.2451

Complementary

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



11.2988, 6.6647, 1.1064



11.4376, 15.1499, 26.7475

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.



4.7564, 6.6647, 33.7561



11.2988, 6.6647, 1.1064



2.3901, 6.6647, 10.6788

Square

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



11.2988, 6.6647, 1.1064



3.4127, 6.6647, 0.7252



3.0907, 6.6647, 22.8530



10.5758, 6.6647, 26.0861

Rectangle

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



11.2988, 6.6647, 1.1064



6.2218, 6.6647, 0.0000



3.0907, 6.6647, 22.8530



6.4487, 6.6647, 36.0840

Sweetspot

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



11.2989, 6.6651, 1.1065



32.6206, 30.2535, 26.0098



14.2099, 7.1652, 18.4831



7.2895, 6.6467, 5.5174



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.2989, 6.6651, 1.1065



19.5065, 10.7073, 1.0386



14.8415, 13.7503, 2.2874



5.0934, 5.1696, 5.2818



9.8821, 5.4986, 0.5405



0.0727, 0.0506, 0.0059

Inverse Universe

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



11.4376, 15.1499, 26.7475



19.5860, 25.8189, 47.6942



6.3419, 4.9585, 25.0489



5.1059, 5.5547, 6.4089



9.9319, 13.1341, 24.0574



0.0744, 0.1042, 0.1626

Previews

White Background



This preview shows how the XYZ color 11.2988, 6.6647, 1.1064 looks on a white background.

Color Contrast Check

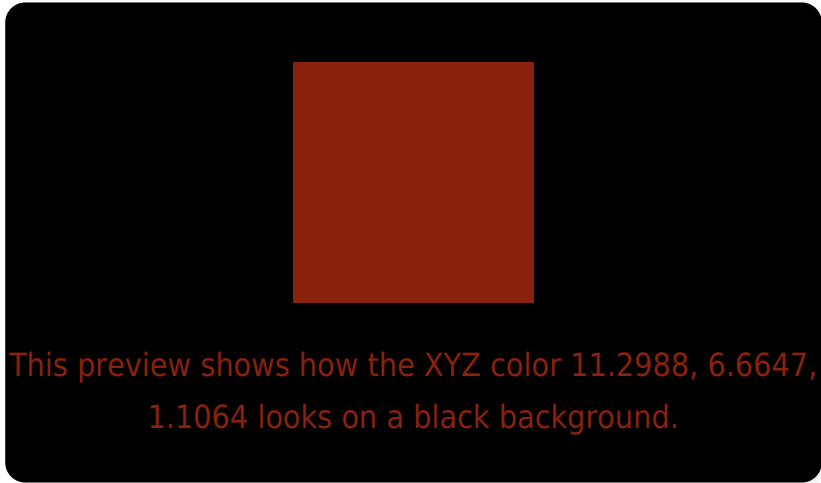
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2988, 6.6647, 1.1064

Background



This preview shows how black text looks on a background with the XYZ color 11.2988, 6.6647, 1.1064.



This preview shows how white text looks on a background with the XYZ color 11.2988, 6.6647,

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

11.2988, 6.6647, 1.1064

Protanopia

6.3371, 6.9829, 1.8780

Deuteranopia

6.8693, 6.8862, 0.9671



Tritanopia

11.4385, 6.6318, 2.1160

Trichromacy



Original Color

11.2988, 6.6647, 1.1064

Protanomaly

7.4510, 6.2253, 1.4707

Deuteranomaly

7.9709, 6.3521, 0.9495

Tritanomaly

11.3778, 6.6513, 1.6614

Monochromacy



Original Color

11.2988, 6.6647, 1.1064

Achromatopsia

4.7246, 4.9707, 5.4130

Achromatomaly

6.0160, 4.8696, 3.1055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2988, 6.6647, 1.1064 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(139, 34, 14)` looks like.

```
.text, #text, p{  
  color:rgb(139, 34, 14)  
}
```

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(139, 34, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 34, 14) }
```

Border

The CSS property to change the border of an element to XYZ 11.2988, 6.6647, 1.1064 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(139, 34, 14) }
```


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

```
.border{ border-color:rgb(139, 34, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 34, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 34, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 34, 14);  
box-shadow:4px 4px 4px 4px rgb(139, 34,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2988, 6.6647, 1.1064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 34, 14) }
```

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

```
.background{ background-color: rgb(139, 34,  
14) }
```

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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