

Converting Colors

XYZ(14.6265, 6.6765, 4.5517)

Have a look what the booklet for
XYZ(14.6265, 6.6765, 4.5517)
contains.

XYZ(15.0618, 7.6764, 4.6908)	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(15.0618, 7.6764,
4.6908)**

Conversions

Conversions Part 1

Format	Color
Hex	9F003A
RGB	159, 0, 58
RGB Percent	62%, 0%, 23%
CMY	0.3765, 0.9999, 0.7725
CMYK	0.00, 1.00, 0.64, 0.38
HSL	338°, 100%, 31%
HSV	338°, 100%, 62%
XYZ	15.0618, 7.6764, 4.6908
YIQ	54.1530, 76.1460, 51.7460

Conversions

Conversions Part 2

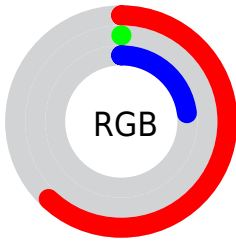
Format	Color
RYB	159, 0, 58
Decimal	10420282
CIELab	33.30, 58.07, 14.89
CIElCh	33, 59.951, 14.378
Yxy	7.6764, 0.5491, 0.2799
Android (android.graphics.Color)	4288610362 (0xFF9F003A)
YUV	54.1530, 1.8966, 91.9508
Hunter-Lab	27.7063, 48.5507, 9.3564

Details

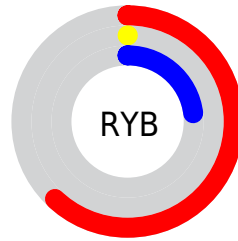
The XYZ color **15.0618, 7.6764, 4.6908** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **14.7484, 25.7363, 16.5079**, and the grayscale version is **3.5179, 3.7011, 4.0305**.

A 20% lighter version of the original color is **34.6494, 21.4044, 15.6698**, and **5.3491, 2.7467, 0.7385** is the 20% darker color. If you saturate the color by 10%, you get **15.0614, 7.6762, 4.6889**, and if you desaturate by 10%, it is **15.5286, 8.1578, 6.2412**.

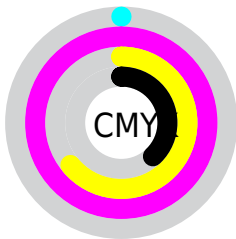
Distribution



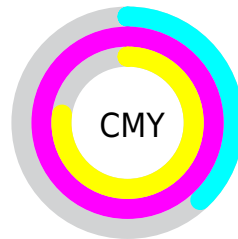
- Red (62%)
- Green (0%)
- Blue (23%)



- Red (62%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (38%)




- Cyan (38%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0618, 7.6764, 4.6908 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 15.0618, 7.6764, 4.6908 by changing the saturation by 10% instead.


 15.0618, 7.6764,
4.6908


 15.0618, 7.6764,
4.6908


217.1209,
173.1714, 155.6193


 8.9494, 3.8886,
2.0115


 34.5323, 21.3216,
15.5740


 4.7650, 1.6114,
0.5623

 48.6211, 31.9477,
24.6149


 2.1434, 0.3653,
0.0000

 66.0994, 45.6221,
36.6135

 0.7126, 0.0000,
0.0000

 87.3326, 62.7291,
51.9882

 0.0000, 0.0000,
0.0000

 112.6860, 83.6532,
71.1576

 142.5249,

108.7786, 94.5402

177.2148,
138.4899, 122.5546

15.0618, 7.6764,
4.6908

15.0618, 7.6764,
4.6908

15.0614, 7.6762,
4.6889

15.5286, 8.1578,
6.2412

16.1922, 8.9474,
8.1195

17.1177, 10.1718,
10.3599

18.3340, 11.8848,
12.9836

19.8657, 14.1321,
16.0100

■ 21.7347, 16.9541,
19.4566

■ 23.9609, 20.3875,
23.3402

■ 26.5625, 24.4657,
27.6762

■ 29.5567, 29.2197,
32.4793

Harmonies

Analogous

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



15.0056, 7.6764, 14.0825



15.0618, 7.6764, 4.6908



12.6598, 7.6764, 1.0874

Triad

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



15.0618, 7.6764, 4.6908



3.7734, 7.6764, 1.0192



5.7564, 7.6764, 39.5797

Complementary

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



15.0618, 7.6764, 4.6908



14.7484, 25.7363, 16.5079

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.



3.7126, 7.6764, 27.8325



15.0618, 7.6764, 4.6908



2.8185, 7.6764, 4.4431

Square

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



15.0618, 7.6764, 4.6908



5.8676, 7.6764, 0.0000



2.8002, 7.6764, 13.5642



8.9396, 7.6764, 39.8604

Rectangle

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



15.0618, 7.6764, 4.6908



10.3056, 7.6764, 0.2347



2.8002, 7.6764, 13.5642



4.9383, 7.6764, 36.5963

Sweetspot

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



15.0620, 7.6769, 4.6909



42.6607, 36.1217, 41.3717



11.5924, 5.2536, 33.2038



9.2466, 7.5686, 8.6872



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.0620, 7.6769, 4.6909



26.8878, 13.7132, 7.9452



14.5704, 7.9154, 0.7605



6.7281, 6.6841, 7.4191



11.9147, 6.0704, 3.8017



0.2325, 0.1163, 0.1704

Inverse Universe

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



15.0620, 7.6769, 4.6909



26.8878, 13.7132, 7.9452



15.3185, 20.6237, 35.9742



6.7281, 6.6841, 7.4191



11.9147, 6.0704, 3.8017



0.2325, 0.1163, 0.1704

Previews

White Background



This preview shows how the XYZ color 15.0618, 7.6764, 4.6908 looks on a white background.

Color Contrast Check

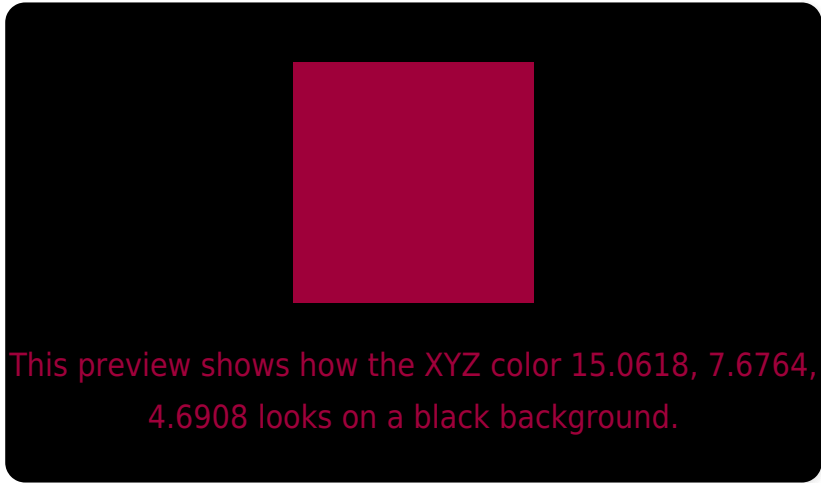
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0618, 7.6764, 4.6908

Background



This preview shows how black text looks on a background with the XYZ color 15.0618, 7.6764, 4.6908.



This preview shows how white text looks on a background with the XYZ color 15.0618, 7.6764,

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

15.0618, 7.6764, 4.6908

Protanopia

8.0618, 8.3346, 9.7782

Deuteranopia

8.3589, 8.2845, 4.2905



Tritanopia

14.5423, 7.9360, 1.4748

Trichromacy



Original Color

15.0618, 7.6764, 4.6908

Protanomaly

8.9284, 6.2790, 7.3980

Deuteranomaly

9.5522, 6.5406, 4.2490

Tritanomaly

14.5601, 7.7262, 2.2373

Monochromacy



Original Color

15.0618, 7.6764, 4.6908

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.6752, 3.6952, 4.0286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0618, 7.6764, 4.6908 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(159, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(159, 0, 58)  
}
```

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(159, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 0, 58) }
```

Border

The CSS property to change the border of an element to XYZ 15.0618, 7.6764, 4.6908 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(159, 0, 58) }
```


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

```
.border{ border-color:rgb(159, 0, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 0, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 0, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 0, 58);  
box-shadow:4px 4px 4px 4px rgb(159, 0, 58)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.0618, 7.6764, 4.6908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 0, 58) }
```

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

```
.background{ background-color: rgb(159, 0,  
58) }
```

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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