

Converting Colors

XYZ(9.2453, 15.1705, 2.4409)

Have a look what the booklet for
XYZ(9.2453, 15.1705, 2.4409)
contains.

XYZ(9.2063, 15.0773, 2.4250)	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(9.2063, 15.0773,
2.4250)**

Conversions

Conversions Part 1

Format	Color
Hex	427A00
RGB	66, 122, 0
RGB Percent	26%, 48%, 0%
CMY	0.7412, 0.5216, 1.0000
CMYK	0.46, 0.00, 1.00, 0.52
HSL	88°, 100%, 24%
HSV	88°, 100%, 48%
XYZ	9.2063, 15.0773, 2.4250
YIQ	91.3480, 5.7860, -49.8140

Conversions

Conversions Part 2

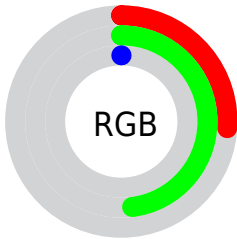
Format	Color
RYB	0, 122, 56
Decimal	4356608
CIELab	45.74, -36.50, 50.18
CIELCh	46, 62.046, 126.029
Yxy	15.0773, 0.3447, 0.5645
Android (android.graphics.Color)	4282546688 (0xFF427A00)
YUV	91.3480, -45.0346, -22.2302
Hunter-Lab	38.8295, -25.6301, 23.4778

Details

The XYZ color **9.2063, 15.0773, 2.4250** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5.1446, 2.2464, 18.5756**, and the grayscale version is **10.1225, 10.6497, 11.5975**.

A 20% lighter version of the original color is **23.9729, 35.0119, 10.1971**, and **2.3674, 4.6605, 0.7748** is the 20% darker color. If you saturate the color by 10%, you get **9.2064, 15.0778, 2.4251**, and if you desaturate by 10%, it is **9.6703, 15.3092, 2.7998**.

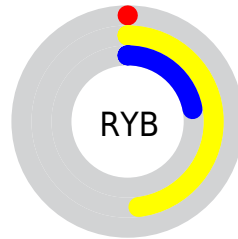
Distribution



Red (26%)

Green (48%)

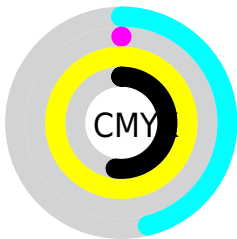
Blue (0%)



Red (0%)

Yellow (48%)

Blue (22%)

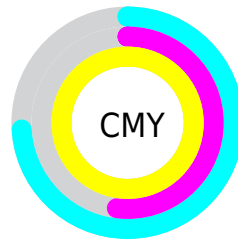


Cyan (46%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (74%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.2063, 15.0773, 2.4250 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 9.2063, 15.0773, 2.4250 by changing the saturation by 10% instead.

■ 9.2063, 15.0773,
2.4250

■ 9.2063, 15.0773,
2.4250

179.0842,
223.8336, 128.6617

■ 4.9342, 8.8737,
0.8000

■ 23.9550, 34.9887,
10.1732

■ 2.2431, 4.6589,
0.0000

■ 35.1622, 49.4653,
17.1426

■ 0.7653, 2.0485,
0.0000

■ 49.4119, 67.4683,
26.7336

■ 0.0000, 0.6354,
0.0000


■ 67.0694, 89.3821,
39.3648


■ 0.0000, 0.0000,
0.0000


■ 88.5000, 115.5912,
55.4546


■ 114.0691,


146.4799, 75.4217


 144.1420,
182.4325, 99.6846


 9.2063, 15.0773,
2.4250


 9.2063, 15.0773,
2.4250


 9.2064, 15.0778,
2.4251

 9.6703, 15.3092,
2.7998

 10.2058, 15.5735,
3.3547

 10.8375, 15.8808,
4.2123

 11.5729, 16.2342,
5.4082

 12.4188, 16.6366,
6.9728

■ 13.3812, 17.0903,
8.9333

■ 14.4656, 17.5977,
11.3142

■ 15.6771, 18.1611,
14.1382

■ 17.0205, 18.7822,
17.4260

Harmonies

Analogous

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



13.3033, 15.0773, 1.2193



9.2063, 15.0773, 2.4250



6.9842, 15.0773, 7.2978

Triad

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



9.2063, 15.0773, 2.4250



10.6318, 15.0773, 59.0981



26.7884, 15.0773, 13.5822

Complementary

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



9.2063, 15.0773, 2.4250



5.1446, 2.2464, 18.5756

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.



25.5793, 15.0773, 31.0590



9.2063, 15.0773, 2.4250



15.4093, 15.0773, 64.7094

Square

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



9.2063, 15.0773, 2.4250



7.6567, 15.0773, 39.7523



21.0718, 15.0773, 52.2949



24.0612, 15.0773, 4.6589

Rectangle

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



9.2063, 15.0773, 2.4250



6.4765, 15.0773, 14.5079



21.0718, 15.0773, 52.2949



26.8360, 15.0773, 18.4858

Sweetspot

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



9.2066, 15.0780, 2.4253



25.3015, 30.8899, 19.5727



9.3882, 6.8612, 0.8298



5.6340, 6.9924, 4.1377



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



9.2066, 15.0780, 2.4253



16.0379, 26.4437, 4.2589



7.0363, 13.9591, 2.3238



4.1387, 4.5468, 4.2840



9.6827, 15.8688, 2.5527



45.1965, 75.1851, 12.1301

Inverse Universe

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



5.1446, 2.2464, 18.5756



8.8959, 3.8721, 32.6714



10.7026, 5.1117, 18.8357



3.9562, 3.9753, 5.0020



5.4064, 2.3599, 19.5558



24.8299, 10.7623, 93.2384

Previews

White Background



This preview shows how the XYZ color 9.2063, 15.0773, 2.4250 looks on a white background.

Color Contrast Check

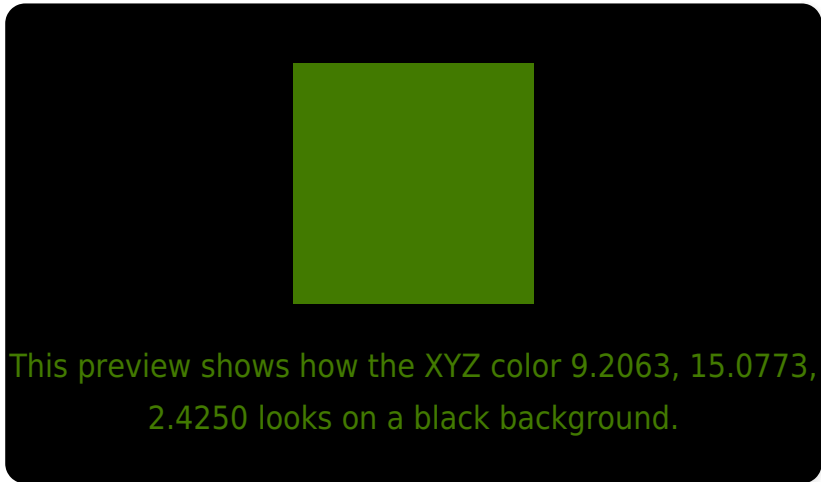
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 9.2063, 15.0773, 2.4250

Background



This preview shows how black text looks on a background with the XYZ color 9.2063, 15.0773, 2.4250.



This preview shows how white text looks on a background with the XYZ color 9.2063, 15.0773,

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

9.2063, 15.0773, 2.4250

Protanopia

13.3886, 14.8627, 2.1631

Deuteranopia

15.0802, 14.8072, 2.9830



Tritanopia

12.8736, 14.9896, 20.9537

Trichromacy



Original Color

9.2063, 15.0773, 2.4250

Protanomaly

11.3846, 14.6350, 2.2248

Deuteranomaly

12.1177, 14.3542, 2.6222

Tritanomaly

10.6010, 14.5773, 9.4627

Monochromacy



Original Color

9.2063, 15.0773, 2.4250

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

8.9948, 11.6021, 5.7683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.2063, 15.0773, 2.4250 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(66, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(66, 122, 0)  
}
```

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(66, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 122, 0) }
```

Border

The CSS property to change the border of an element to XYZ 9.2063, 15.0773, 2.4250 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(66, 122, 0) }
```


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

```
.border{ border-color:rgb(66, 122, 0) }
```

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

Here you see how a box with a 4 pixel rgb(66, 122, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 122, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 122, 0);  
box-shadow:4px 4px 4px 4px rgb(66, 122, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.2063, 15.0773, 2.4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 122, 0) }
```

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

```
.background{ background-color: rgb(66, 122,  
0) }
```

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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