

Converting Colors

XYZ(9.0370, 12.8802, 2.0098)

Have a look what the booklet for
XYZ(9.0370, 12.8802, 2.0098)
contains.

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Color

**XYZ(9.0556, 12.9457,
2.0215)**

Conversions

Conversions Part 1

Format	Color
Hex	526E00
RGB	82, 110, 0
RGB Percent	32%, 43%, 0%
CMY	0.6784, 0.5686, 1.0000
CMYK	0.25, 0.00, 1.00, 0.57
HSL	75°, 100%, 22%
HSV	75°, 100%, 43%
XYZ	9.0556, 12.9457, 2.0215
YIQ	89.0880, 18.6220, -40.1460

Conversions

Conversions Part 2

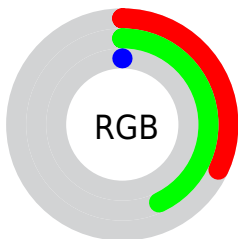
Format	Color
RYB	0, 110, 28
Decimal	5402112
CIELab	42.68, -24.57, 48.22
CIELCh	43, 54.116, 117.004
Yxy	12.9457, 0.3770, 0.5389
Android (android.graphics.Color)	4283592192 (0xFF526E00)
YUV	89.0880, -43.9204, -6.2162
Hunter-Lab	35.9801, -18.0398, 21.8550

Details

The XYZ color **9.0556, 12.9457, 2.0215** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3.2938, 1.3730, 14.8440**, and the grayscale version is **9.6068, 10.1071, 11.0067**.

A 20% lighter version of the original color is **23.7276, 31.3178, 9.0693**, and **2.2877, 3.7366, 0.6007** is the 20% darker color. If you saturate the color by 10%, you get **9.0557, 12.9462, 2.0216**, and if you desaturate by 10%, it is **9.3648, 13.0986, 2.3515**.

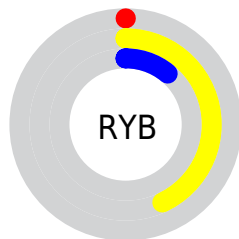
Distribution



Red (32%)

Green (43%)

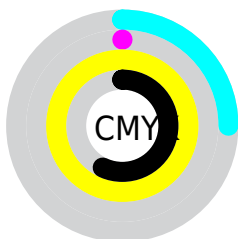
Blue (0%)



Red (0%)

Yellow (43%)

Blue (11%)

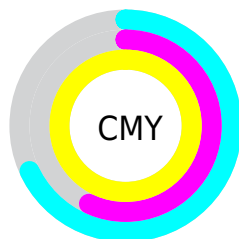


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (68%)


Magenta (57%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 9.0556, 12.9457, 2.0215 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 9.0556, 12.9457, 2.0215 by changing the saturation by 10% instead.


 9.0556, 12.9457,
2.0215


 9.0556, 12.9457,
2.0215


 177.9904,
210.5694, 122.7097


 4.8349, 7.3912,
0.5684


 23.6695, 31.2062,
9.0995


 2.1845, 3.7079,
0.0000

 34.7933, 44.6810,
15.6132


 0.7345, 1.5116,
0.0000

 48.9489, 61.5646,
24.6681

 0.0000, 0.2968,
0.0000

 66.5016, 82.2414,
36.6828


 0.0000, 0.0000,
0.0000


 87.8167, 107.0960,
52.0758


 113.2596,


136.5125, 71.2655


 143.1958,
170.8755, 94.6707


 9.0556, 12.9457,
2.0215


 9.0556, 12.9457,
2.0215


 9.0557, 12.9462,
2.0216

 9.3648, 13.0986,
2.3515

 9.7079, 13.2657,
2.8083

 10.1064, 13.4561,
3.5040

 10.5656, 13.6720,
4.4657

 11.0901, 13.9153,
5.7168

■ 11.6839, 14.1874,
7.2782

■ 12.3507, 14.4900,
9.1687

■ 13.0939, 14.8244,
11.4057

■ 13.9167, 15.1919,
14.0055

Harmonies

Analogous

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



12.7219, 12.9457, 1.4250



9.0556, 12.9457, 2.0215



6.7981, 12.9457, 5.0176

Triad

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



9.0556, 12.9457, 2.0215



8.4852, 12.9457, 42.8488



21.9966, 12.9457, 15.3112

Complementary

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



9.0556, 12.9457, 2.0215



3.2938, 1.3730, 14.8440

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.



20.1881, 12.9457, 30.3496



9.0556, 12.9457, 2.0215



11.8963, 12.9457, 50.8966

Square

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



9.0556, 12.9457, 2.0215



6.5240, 12.9457, 27.0618



16.2501, 12.9457, 45.3778



20.7678, 12.9457, 6.1180

Rectangle

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



9.0556, 12.9457, 2.0215



6.1019, 12.9457, 9.5965



16.2501, 12.9457, 45.3778



21.7157, 12.9457, 19.8186

Sweetspot

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



9.0559, 12.9463, 2.0218



21.5899, 25.4012, 15.8115



6.8344, 4.1224, 0.4357



4.9364, 5.8713, 3.4266



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



9.0559, 12.9463, 2.0218



15.7894, 22.6765, 3.5448



6.0417, 11.3924, 1.8807



3.5630, 3.8756, 3.6336



10.8508, 15.5375, 2.4271



53.2260, 76.9730, 12.0520

Inverse Universe

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



3.2938, 1.3730, 14.8440



5.6828, 2.3586, 26.0630



6.3383, 2.9425, 14.9865



3.2899, 3.3377, 4.2251



3.9315, 1.6362, 17.8302



18.8906, 7.7928, 88.7877

Previews

White Background



This preview shows how the XYZ color 9.0556, 12.9457, 2.0215 looks on a white background.

Color Contrast Check

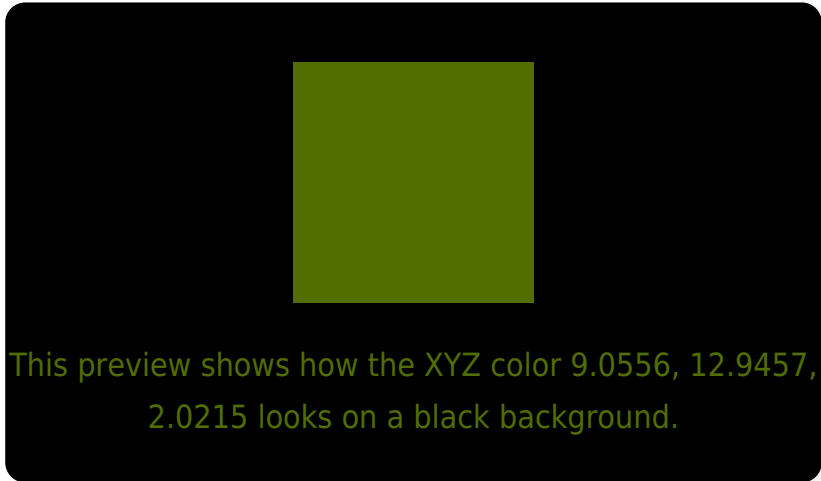
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.0556, 12.9457, 2.0215

Background



This preview shows how black text looks on a background with the XYZ color 9.0556, 12.9457, 2.0215.



This preview shows how white text looks on a background with the XYZ color 9.0556, 12.9457,

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

9.0556, 12.9457, 2.0215

Protanopia

11.5931, 12.8848, 1.8760

Deuteranopia

12.9709, 12.7470, 2.4386



Tritanopia

11.9795, 12.9038, 16.6112

Trichromacy



Original Color

9.0556, 12.9457, 2.0215

Protanomaly

10.4298, 12.7254, 1.9065

Deuteranomaly

11.1854, 12.5229, 2.2084

Tritanomaly

10.1816, 12.6201, 7.6936

Monochromacy



Original Color

9.0556, 12.9457, 2.0215

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

8.8510, 10.8232, 5.4935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.0556, 12.9457, 2.0215 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(82, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(82, 110, 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(82, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 110, 0) }
```

Border

The CSS property to change the border of an element to XYZ 9.0556, 12.9457, 2.0215 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(82, 110, 0) }
```


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

```
.border{ border-color:rgb(82, 110, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(82, 110, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.0556, 12.9457, 2.0215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 110, 0) }
```

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

```
.background{ background-color: rgb(82, 110,  
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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