

Converting Colors

XYZ(9.2317, 14.4945, 11.7821)

Have a look what the booklet for
XYZ(9.2317, 14.4945, 11.7821)
contains.

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Color

**XYZ(9.2472, 14.5293,
11.7682)**

Conversions

Conversions Part 1

Format	Color
Hex	247859
RGB	36, 120, 89
RGB Percent	14%, 47%, 35%
CMY	0.8588, 0.5294, 0.6510
CMYK	0.70, 0.00, 0.26, 0.53
HSL	158°, 54%, 31%
HSV	158°, 70%, 47%
XYZ	9.2472, 14.5293, 11.7682
YIQ	91.3500, -40.1130, -27.4490

Conversions

Conversions Part 2

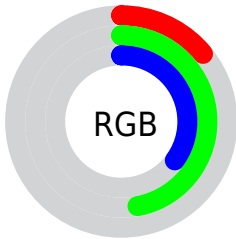
Format	Color
R_{YB}	36, 88, 120
Decimal	2390105
CIE _{Lab}	44.98, -32.89, 9.87
CIE _{LCh}	45, 34.342, 163.290
Yxy	14.5293, 0.2602, 0.4088
Android (android.graphics.Color)	4280580185 (0xFF247859)
YUV	91.3500, -1.1585, -48.5419
Hunter-Lab	38.1173, -23.4015, 8.3771

Details

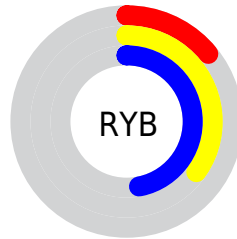
The XYZ color **9.2472, 14.5293, 11.7682** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **9.3902, 5.6604, 5.9085**, and the grayscale version is **10.0331, 10.5557, 11.4951**.

A 20% lighter version of the original color is **24.0174, 34.0265, 29.7280**, and **2.6262, 4.5547, 3.0262** is the 20% darker color. If you saturate the color by 10%, you get **8.7162, 14.2768, 10.8018**, and if you desaturate by 10%, it is **9.9307, 14.8599, 12.8008**.

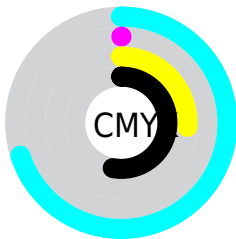
Distribution



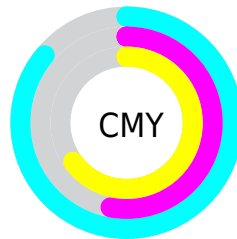
- Red (14%)
- Green (47%)
- Blue (35%)



- Red (14%)
- Yellow (35%)
- Blue (47%)



- Cyan (70%)
- Magenta (0%)
- Yellow (26%)
- Black (53%)



- Cyan (86%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.2472, 14.5293, 11.7682 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 9.2472, 14.5293, 11.7682 by changing the saturation by 10% instead.

■ 9.2472, 14.5293,
11.7682

■ 9.2472, 14.5293,
11.7682

179.3797,
220.4992, 213.7878

■ 4.9612, 8.4897,
6.4654

■ 24.0323, 34.0253,
29.7303

■ 2.2590, 4.4099,
3.0568

■ 35.2621, 48.2505,
43.2267

■ 0.7736, 1.9054,
1.1237

■ 49.5372, 65.9730,
60.2913

■ 0.0000, 0.5516,
0.0000

■ 67.2230, 87.5772,
81.3428

■ 0.0000, 0.0000,
0.0000

■ 88.6848, 113.4476,
106.7997

■ 114.2879,

143.9684, 137.0804

144.3978,
179.5242, 172.6036

■ 9.2472, 14.5293,
11.7682

■ 9.2472, 14.5293,
11.7682

■ 8.7162, 14.2768,
10.8018

■ 9.9307, 14.8599,
12.8008

■ 8.3217, 14.0930,
9.8988

■ 10.7783, 15.2734,
13.9003

■ 8.0114, 13.9513,
9.0561

■ 11.8020, 15.7763,
15.0684

■ 8.0113, 13.9513,
9.0560

■ 13.0121, 16.3740,
16.3065

■ 14.4182, 17.0714,
17.6161

■ 16.0292, 17.8729,
18.9984

■ 17.8534, 18.7830,
20.4547

■ 19.8986, 19.8055,
21.9864

■ 22.1723, 20.9445,
23.5944

Harmonies

Analogous

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



10.4208, 14.5293, 7.0065



9.2472, 14.5293, 11.7682



9.1833, 14.5293, 19.6575

Triad

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



9.2472, 14.5293, 11.7682



15.0916, 14.5293, 36.2101



18.1361, 14.5293, 7.3936

Complementary

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



9.2472, 14.5293, 11.7682



9.3902, 5.6604, 5.9085

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.



19.7756, 14.5293, 12.5174



9.2472, 14.5293, 11.7682



17.8635, 14.5293, 29.9987

Square

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



9.2472, 14.5293, 11.7682



12.3111, 14.5293, 35.7957



19.6695, 14.5293, 20.7089



15.4252, 14.5293, 5.1333

Rectangle

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



9.2472, 14.5293, 11.7682



9.7613, 14.5293, 25.9447



19.6695, 14.5293, 20.7089



18.8463, 14.5293, 8.7458

Sweetspot

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



9.2476, 14.5299, 11.7685



24.9604, 29.8268, 30.6250



9.4333, 14.7971, 4.0282



5.7821, 7.0025, 7.1362



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.



9.2476, 14.5299, 11.7685



14.8823, 24.8999, 18.0221



9.7157, 12.9268, 19.7531



4.0473, 4.4885, 4.7828



8.7326, 15.2167, 9.8426



41.2342, 72.4167, 44.7328

Inverse Universe

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



9.3902, 5.6604, 5.9085



15.1749, 8.1961, 7.1048



9.0338, 6.0592, 2.3627



4.0538, 4.0372, 4.4809



8.9456, 4.5544, 3.0042



42.2914, 21.5729, 12.3305

Previews

White Background



This preview shows how the XYZ color 9.2472, 14.5293, 11.7682 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



This preview shows how the XYZ color 9.2472, 14.5293, 11.7682 looks on a 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 9.2472, 14.5293, 11.7682

Background



This preview shows how black text looks on a background with the XYZ color 9.2472, 14.5293, 11.7682.



This preview shows how white text looks on a background with the XYZ color 9.2472, 14.5293,

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

9.2472, 14.5293, 11.7682

Protanopia

13.4871, 14.4280, 10.0567

Deuteranopia

14.6123, 14.3580, 12.3571



Tritanopia

11.1976, 14.4459, 21.6002

Trichromacy



Original Color

9.2472, 14.5293, 11.7682

Protanomaly

11.0704, 13.9561, 10.7046

Deuteranomaly

11.6169, 13.8836, 12.1928

Tritanomaly

10.4126, 14.4733, 17.5741

Monochromacy



Original Color

9.2472, 14.5293, 11.7682

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.1954, 11.5805, 11.4235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.2472, 14.5293, 11.7682 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(36, 120, 89)` looks like.

```
.text, #text, p{  
    color:rgb(36, 120, 89)  
}
```

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(36, 120, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 120, 89) }
```

Border

The CSS property to change the border of an element to XYZ 9.2472, 14.5293, 11.7682 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(36, 120, 89) }
```


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

```
.border{ border-color:rgb(36, 120, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 120, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 120, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 120, 89);  
box-shadow:4px 4px 4px 4px rgb(36, 120,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 9.2472, 14.5293, 11.7682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 120, 89) }
```

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

```
.background{ background-color: rgb(36, 120,  
89) }
```

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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