

Converting Colors

XYZ(9.7366, 14.5846, 5.3034)

Have a look what the booklet for
XYZ(9.7366, 14.5846, 5.3034)
contains.

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Color

**XYZ(9.7266, 14.5649,
5.3163)**

Conversions

Conversions Part 1

Format	Color
Hex	487632
RGB	72, 118, 50
RGB Percent	28%, 46%, 20%
CMY	0.7177, 0.5372, 0.8039
CMYK	0.39, 0.00, 0.58, 0.54
HSL	101°, 40%, 33%
HSV	101°, 58%, 46%
XYZ	9.7266, 14.5649, 5.3163
YIQ	96.4940, -5.5880, -30.9000

Conversions

Conversions Part 2

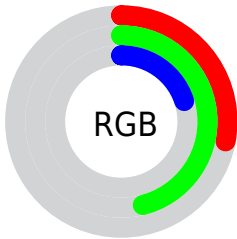
Format	Color
RYB	50, 118, 96
Decimal	4748850
CIELab	45.03, -29.20, 32.13
CIElCh	45, 43.415, 132.265
Yxy	14.5649, 0.3285, 0.4919
Android (android.graphics.Color)	4282938930 (0xFF487632)
YUV	96.4940, -22.9215, -21.4812
Hunter-Lab	38.1640, -21.2939, 18.4556

Details

The XYZ color **9.7266, 14.5649, 5.3163** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.2354, 6.0766, 17.8266**, and the grayscale version is **11.2939, 11.8820, 12.9395**.

A 20% lighter version of the original color is **24.9834, 34.2376, 17.0961**, and **2.4483, 4.4201, 0.7815** is the 20% darker color. If you saturate the color by 10%, you get **8.9473, 14.1893, 4.1181**, and if you desaturate by 10%, it is **10.6496, 15.0079, 6.8646**.

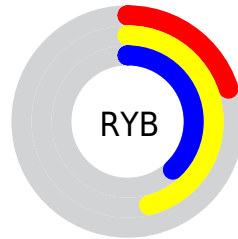
Distribution



Red (28%)

Green (46%)

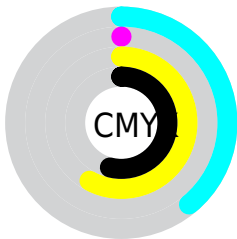
Blue (20%)



Red (20%)

Yellow (46%)

Blue (38%)

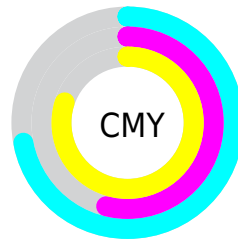


Cyan (39%)

Magenta (0%)

Yellow (58%)

Black (54%)



Cyan (72%)

Magenta (54%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.7266, 14.5649, 5.3163 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 9.7266, 14.5649, 5.3163 by changing the saturation by 10% instead.

■ 9.7266, 14.5649,
5.3163

■ 9.7266, 14.5649,
5.3163

182.8042,
220.7173, 161.8923

■ 5.2789, 8.5146,
2.3721

■ 24.9343, 34.0881,
16.9469

■ 2.4483, 4.4260,
0.7712

■ 36.4251, 48.3297,
26.4703

■ 0.8692, 1.9146,
0.0000

■ 50.9944, 66.0706,
39.0238

■ 0.0000, 0.5571,
0.0000

■ 69.0074, 87.6951,
55.0260

■ 0.0000, 0.0000,
0.0000

■ 90.8295, 113.5876,
74.8954

■ 116.8261,

144.1326, 99.0506

147.3625,
179.7144, 127.9100

■ 9.7266, 14.5649,
5.3163

■ 9.7266, 14.5649,
5.3163

■ 8.9473, 14.1893,
4.1181

■ 10.6496, 15.0079,
6.8646

■ 8.3025, 13.8756,
3.2417

■ 11.7227, 15.5196,
8.7864

■ 7.7834, 13.6205,
2.6560

■ 12.9530, 16.1038,
11.1042

■ 7.3718, 13.4161,
2.2815

■ 14.3469, 16.7634,
13.8385

■ 7.2844, 13.3729,
2.1973

■ 15.9105, 17.5009,
17.0084

■ 17.6495, 18.3190,
20.6318

■ 19.5693, 19.2200,
24.7256

■ 21.6751, 20.2064,
29.3057

■ 23.9718, 21.2803,
34.3875

Harmonies

Analogous

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



12.4380, 14.5649, 3.3716



9.7266, 14.5649, 5.3163



8.2878, 14.5649, 10.5994

Triad

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



9.7266, 14.5649, 5.3163



11.8589, 14.5649, 42.8641



21.6790, 14.5649, 12.0437

Complementary

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



9.7266, 14.5649, 5.3163



9.2354, 6.0766, 17.8266

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.



21.4515, 14.5649, 22.6210



9.7266, 14.5649, 5.3163



15.3511, 14.5649, 43.8118

Square

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



9.7266, 14.5649, 5.3163



9.3656, 14.5649, 33.0623



18.9837, 14.5649, 35.2716



19.5603, 14.5649, 5.9815

Rectangle

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



9.7266, 14.5649, 5.3163



8.0623, 14.5649, 16.6471



18.9837, 14.5649, 35.2716



21.8834, 14.5649, 15.0956

Sweetspot

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



9.7270, 14.5655, 5.3166



25.2781, 29.4990, 24.4368



12.1699, 12.3271, 4.7558



5.7236, 6.7406, 5.4426



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



9.7270, 14.5655, 5.3166



15.3563, 24.7662, 6.7060



8.6456, 13.9763, 6.7044



3.7419, 4.1504, 3.9462



7.8681, 14.4605, 2.3765



37.5340, 70.0512, 11.5430

Inverse Universe

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



9.2354, 6.0766, 17.8266



14.3708, 8.2788, 30.9775



11.2488, 7.1877, 14.6134



3.7170, 3.7014, 4.6088



7.0879, 3.2453, 18.7954



33.6152, 15.3378, 91.5491

Previews

White Background



This preview shows how the XYZ color 9.7266, 14.5649, 5.3163 looks on a white background.

Color Contrast Check

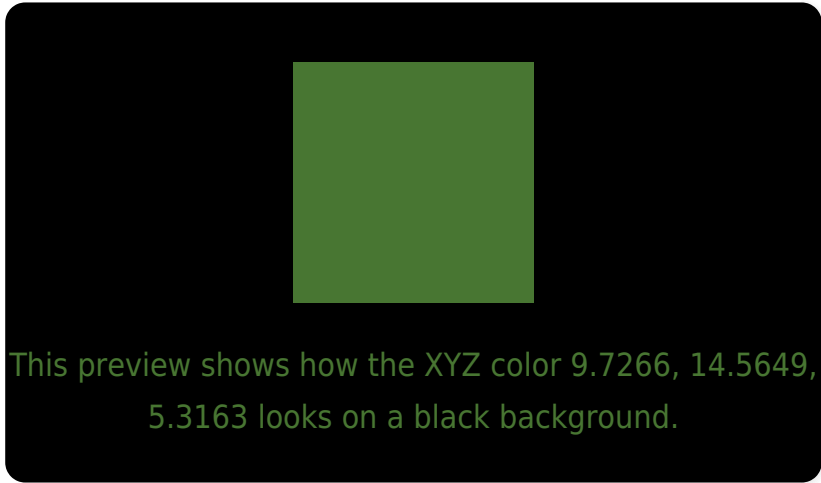
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.7266, 14.5649, 5.3163

Background



This preview shows how black text looks on a background with the XYZ color 9.7266, 14.5649, 5.3163.



This preview shows how white text looks on a background with the XYZ color 9.7266, 14.5649,

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

9.7266, 14.5649, 5.3163

Protanopia

13.1184, 14.3569, 4.6645

Deuteranopia

14.5492, 14.3290, 5.6134



Tritanopia

12.7308, 14.6098, 19.9183

Trichromacy



Original Color

9.7266, 14.5649, 5.3163

Protanomaly

11.4558, 14.1238, 4.8117

Deuteranomaly

12.2070, 14.0236, 5.4316

Tritanomaly

11.3911, 14.5663, 13.0377

Monochromacy



Original Color

9.7266, 14.5649, 5.3163

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.2921, 12.4914, 9.2658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.7266, 14.5649, 5.3163 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(72, 118, 50)` looks like.

```
.text, #text, p{  
    color:rgb(72, 118, 50)  
}
```

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(72, 118, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 118, 50) }
```

Border

The CSS property to change the border of an element to XYZ 9.7266, 14.5649, 5.3163 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(72, 118, 50) }
```


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

```
.border{ border-color:rgb(72, 118, 50) }
```

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

Here you see how a box with a 4 pixel rgb(72, 118, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 118, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 118, 50);  
box-shadow:4px 4px 4px 4px rgb(72, 118,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 9.7266, 14.5649, 5.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 118, 50) }
```

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

```
.background{ background-color: rgb(72, 118,  
50) }
```

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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