

Converting Colors

XYZ(10.5392, 14.4363, 9.5464)

Have a look what the booklet for
XYZ(10.5392, 14.4363, 9.5464)
contains.

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Color

**XYZ(10.5225, 14.3625,
9.6148)**

Conversions

Conversions Part 1

Format	Color
Hex	4C734F
RGB	76, 115, 79
RGB Percent	30%, 45%, 31%
CMY	0.7020, 0.5490, 0.6902
CMYK	0.34, 0.00, 0.31, 0.55
HSL	125°, 20%, 37%
HSV	125°, 34%, 45%
XYZ	10.5225, 14.3625, 9.6148
YIQ	99.2350, -11.6880, -19.4640

Conversions

Conversions Part 2

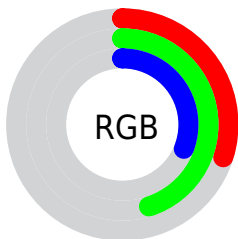
Format	Color
RYB	76, 112, 115
Decimal	5010255
CIELab	44.75, -21.76, 15.68
CIELCh	45, 26.821, 144.232
Yxy	14.3625, 0.3050, 0.4163
Android (android.graphics.Color)	4283200335 (0xFF4C734F)
YUV	99.2350, -9.9759, -20.3771
Hunter-Lab	37.8979, -16.7601, 11.4865

Details

The XYZ color **10.5225, 14.3625, 9.6148** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.5798, 9.9838, 16.5938**, and the grayscale version is **11.9458, 12.5679, 13.6865**.

A 20% lighter version of the original color is **26.3192, 33.6316, 25.5264**, and **2.8026, 4.3910, 2.2132** is the 20% darker color. If you saturate the color by 10%, you get **9.3333, 13.7910, 7.7008**, and if you desaturate by 10%, it is **11.9376, 15.0442, 11.8622**.

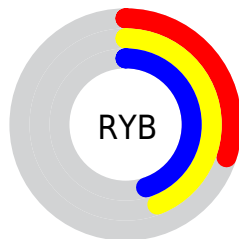
Distribution



Red (30%)

Green (45%)

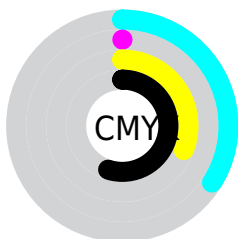
Blue (31%)



Red (30%)

Yellow (44%)

Blue (45%)

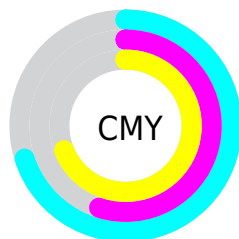


Cyan (34%)

Magenta (0%)

Yellow (31%)

Black (55%)



Cyan (70%)

Magenta (55%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5225, 14.3625, 9.6148 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 10.5225, 14.3625, 9.6148 by changing the saturation by 10% instead.

■ 10.5225, 14.3625,
9.6148

■ 10.5225, 14.3625,
9.6148

188.3384,
219.4744, 198.2842

■ 5.8117, 8.3732,
5.0421

■ 26.4146, 33.7309,
25.6648

■ 2.7705, 4.3347,
2.2128

■ 38.3265, 47.8787,
37.9792

■ 1.0336, 1.8625,
0.6817

■ 53.3696, 65.5149,
53.7111

■ 0.0000, 0.5257,
0.0000

■ 71.9091, 87.0238,
73.2792

■ 0.0000, 0.0000,
0.0000

■ 94.3103, 112.7898,
97.1021

120.9387,

143.1973, 125.5981

152.1596,
178.6307, 159.1860

■ 10.5225, 14.3625,
9.6148

■ 10.5225, 14.3625,
9.6148

■ 9.3333, 13.7910,
7.7008

■ 11.9376, 15.0442,
11.8622

■ 8.3571, 13.3221,
6.1034

■ 13.5882, 15.8394,
14.4567

■ 7.5818, 12.9503,
4.8058

■ 15.4848, 16.7536,
17.4126

■ 6.9932, 12.6688,
3.7893

■ 17.6369, 17.7916,
20.7429

■ 6.5755, 12.4698,
3.0332

■ 20.0535, 18.9576,
24.4601

■ 6.3071, 12.3426,
2.5135

■ 22.7431, 20.2559,
28.5761

■ 6.1795, 12.2815,
2.2990

■ 25.7140, 21.6903,
33.1023

■ 28.9740, 23.2648,
38.0496

■ 32.5306, 24.9829,
43.4285

Harmonies

Analogous

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



12.0008, 14.3625, 7.0421



10.5225, 14.3625, 9.6148



9.8884, 14.3625, 14.4617

Triad

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



10.5225, 14.3625, 9.6148



13.2339, 14.3625, 30.8953



17.8448, 14.3625, 11.2076

Complementary

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



10.5225, 14.3625, 9.6148



12.5798, 9.9838, 16.5938

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.



18.2645, 14.3625, 16.8771



10.5225, 14.3625, 9.6148



15.4462, 14.3625, 29.3509

Square

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



10.5225, 14.3625, 9.6148



11.3431, 14.3625, 27.5518



17.3455, 14.3625, 23.7640



16.2528, 14.3625, 7.7756

Rectangle

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



10.5225, 14.3625, 9.6148



9.9754, 14.3625, 18.7817



17.3455, 14.3625, 23.7640



18.1343, 14.3625, 12.8668

Sweetspot

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



10.5229, 14.3631, 9.6151



25.5193, 28.9348, 27.7427



14.1690, 16.2551, 9.2283



6.0000, 6.8604, 6.4810



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.



10.5229, 14.3631, 9.6151



17.0742, 24.8683, 14.3753



11.3210, 14.6823, 13.8177



3.6510, 4.1024, 3.9961



7.0603, 14.0381, 2.6080



34.2740, 68.3569, 12.0141

Inverse Universe

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



12.5798, 9.9838, 16.5938



21.3788, 15.6987, 28.9768



11.6264, 9.6025, 11.5737



3.8151, 3.7533, 4.5529



11.0624, 5.3587, 16.0688



53.7660, 26.0565, 77.5541

Previews

White Background



This preview shows how the XYZ color 10.5225, 14.3625, 9.6148 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 10.5225, 14.3625, 9.6148 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 10.5225, 14.3625, 9.6148

Background



This preview shows how black text looks on a background with the XYZ color 10.5225, 14.3625, 9.6148.



This preview shows how white text looks on a background with the XYZ color 10.5225, 14.3625,

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

10.5225, 14.3625, 9.6148

Protanopia

13.2610, 14.1886, 8.6963

Deuteranopia

14.4889, 14.2016, 9.9602



Tritanopia

12.5619, 14.3686, 19.5641

Trichromacy



Original Color

10.5225, 14.3625, 9.6148

Protanomaly

12.0287, 14.1684, 8.9383

Deuteranomaly

12.7026, 14.0279, 9.8227

Tritanomaly

11.6862, 14.3371, 15.2481

Monochromacy



Original Color

10.5225, 14.3625, 9.6148

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.2977, 13.1000, 12.0583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5225, 14.3625, 9.6148 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(76, 115, 79)` looks like.

```
.text, #text, p{  
    color:rgb(76, 115, 79)  
}
```

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(76, 115, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 115, 79) }
```

Border

The CSS property to change the border of an element to XYZ 10.5225, 14.3625, 9.6148 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(76, 115, 79) }
```


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

```
.border{ border-color:rgb(76, 115, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 115, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 115, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 115, 79);  
box-shadow:4px 4px 4px 4px rgb(76, 115,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5225, 14.3625, 9.6148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 115, 79) }
```

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

```
.background{ background-color: rgb(76, 115,  
79) }
```

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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