

Converting Colors

XYZ(11.0309, 14.6873, 9.9969)

Have a look what the booklet for
XYZ(11.0309, 14.6873, 9.9969)
contains.

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Color

**XYZ(11.0093, 14.6049,
10.0234)**

Conversions

Conversions Part 1

Format	Color
Hex	517351
RGB	81, 115, 81
RGB Percent	32%, 45%, 32%
CMY	0.6824, 0.5490, 0.6823
CMYK	0.30, 0.00, 0.30, 0.55
HSL	120°, 17%, 38%
HSV	120°, 30%, 45%
XYZ	11.0093, 14.6049, 10.0234
YIQ	100.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

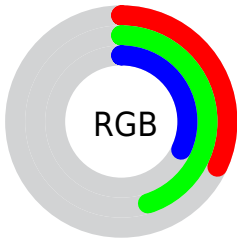
Format	Color
R_{YB}	81, 115, 115
Decimal	5337937
CIE _{Lab}	45.09, -19.58, 15.02
CIE _{LCh}	45, 24.677, 142.511
Yxy	14.6049, 0.3089, 0.4098
Android (android.graphics.Color)	4283528017 (0xFF517351)
YUV	100.9580, -9.8393, -17.5032
Hunter-Lab	38.2164, -15.4567, 11.2008

Details

The XYZ color **11.0093, 14.6049, 10.0234** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.1077, 10.7678, 17.6078**, and the grayscale version is **12.3854, 13.0305, 14.1902**.

A 20% lighter version of the original color is **27.2081, 34.0744, 26.2621**, and **2.9853, 4.4818, 2.3768** is the 20% darker color. If you saturate the color by 10%, you get **9.7107, 13.9816, 7.8991**, and if you desaturate by 10%, it is **12.5486, 15.3448, 12.5410**.

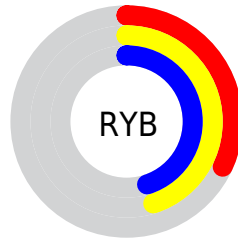
Distribution



Red (32%)

Green (45%)

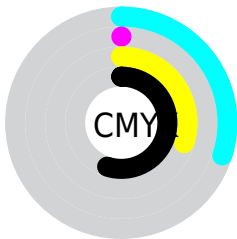
Blue (32%)



Red (32%)

Yellow (45%)

Blue (45%)

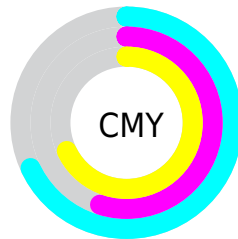


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (55%)



Cyan (68%)

Magenta (55%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0093, 14.6049, 10.0234 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 11.0093, 14.6049, 10.0234 by changing the saturation by 10% instead.

■ 11.0093, 14.6049,
10.0234

■ 11.0093, 14.6049,
10.0234

191.6383,
220.9622, 201.3299

■ 6.1404, 8.5426,
5.3087

■ 27.3102, 34.1586,
26.4480

■ 2.9721, 4.4440,
2.3676

■ 39.4729, 48.4187,
38.9950

■ 1.1390, 1.9249,
0.7687

■ 54.7976, 66.1802,
54.9897

■ 0.0574, 0.5633,
0.0000

■ 73.6496, 87.8274,
74.8509

■ 0.0000, 0.0000,
0.0000

■ 96.3943, 113.7449,
98.9969

123.3971,

144.3169, 127.8464

155.0233,
179.9278, 161.8179

■ 11.0093, 14.6049,
10.0234

■ 11.0093, 14.6049,
10.0234

■ 9.7107, 13.9816,
7.8991

■ 12.5486, 15.3448,
12.5410

■ 8.6397, 13.4671,
6.1472

■ 14.3389, 16.2047,
15.4692

■ 7.7835, 13.0558,
4.7467

■ 16.3908, 17.1904,
18.8255

■ 7.1275, 12.7407,
3.6737

■ 18.7145, 18.3066,
22.6263

■ 6.6557, 12.5141,
2.9019

■ 21.3194, 19.5578,
26.8870

■ 6.3490, 12.3668,
2.4003

■ 24.2143, 20.9484,
31.6220

■ 6.1400, 12.2664,
2.0584

■ 27.4078, 22.4824,
36.8456

■ 6.1310, 12.2621,
2.0437

■ 30.9082, 24.1638,
42.5710

■ 34.7233, 25.9964,
48.8113

Harmonies

Analogous

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



12.4403, 14.6049, 7.6501



11.0093, 14.6049, 10.0234



10.3604, 14.6049, 14.4894

Triad

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



11.0093, 14.6049, 10.0234



13.3790, 14.6049, 29.7581



17.8082, 14.6049, 11.9953

Complementary

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



11.0093, 14.6049, 10.0234



13.1077, 10.7678, 17.6078

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.



18.1218, 14.6049, 17.4041



11.0093, 14.6049, 10.0234



15.4300, 14.6049, 28.6244

Square

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



11.0093, 14.6049, 10.0234



11.6391, 14.6049, 26.5222



17.2143, 14.6049, 23.7212



16.3949, 14.6049, 8.5799

Rectangle

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



11.0093, 14.6049, 10.0234



10.4093, 14.6049, 18.4485



17.2143, 14.6049, 23.7212



18.0510, 14.6049, 13.6018

Sweetspot

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



11.0097, 14.6055, 10.0237



25.7889, 29.0709, 27.8850



14.6868, 16.5012, 10.1957



6.0548, 6.8884, 6.4930



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.



11.0097, 14.6055, 10.0237



18.1878, 25.4197, 15.4521



11.7291, 14.8933, 13.8122



3.6406, 4.0982, 3.9415



7.0088, 14.0175, 2.3363



34.1546, 68.3091, 11.3850

Inverse Universe

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



13.1077, 10.7678, 17.6078



22.5502, 17.4399, 31.2218



12.2177, 10.4119, 12.9214



3.8266, 3.7579, 4.6139



11.6204, 5.5819, 19.0068



56.6274, 27.2011, 92.6221

Previews

White Background



This preview shows how the XYZ color 11.0093, 14.6049, 10.0234 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 11.0093, 14.6049, 10.0234 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 11.0093, 14.6049, 10.0234

Background



This preview shows how black text looks on a background with the XYZ color 11.0093, 14.6049, 10.0234.



This preview shows how white text looks on a background with the XYZ color 11.0093, 14.6049,

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

11.0093, 14.6049, 10.0234

Protanopia

13.4330, 14.4213, 9.0968

Deuteranopia

14.6638, 14.4279, 10.3995



Tritanopia

12.9302, 14.5585, 19.5813

Trichromacy



Original Color

11.0093, 14.6049, 10.0234

Protanomaly

12.3233, 14.3121, 9.3207

Deuteranomaly

13.0034, 14.3281, 10.2639

Tritanomaly

12.0903, 14.5396, 15.5338

Monochromacy



Original Color

11.0093, 14.6049, 10.0234

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.7905, 13.4959, 12.5732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0093, 14.6049, 10.0234 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(81, 115, 81)` looks like.

```
.text, #text, p{  
    color:rgb(81, 115, 81)  
}
```

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(81, 115, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 115, 81) }
```

Border

The CSS property to change the border of an element to XYZ 11.0093, 14.6049, 10.0234 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(81, 115, 81) }
```


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

```
.border{ border-color:rgb(81, 115, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 115, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 115, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 115, 81);  
box-shadow:4px 4px 4px 4px rgb(81, 115,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0093, 14.6049, 10.0234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 115, 81) }
```

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

```
.background{ background-color: rgb(81, 115,  
81) }
```

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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