

Converting Colors

XYZ(9.1259, 12.2015, 12.2760)

Have a look what the booklet for
XYZ(9.1259, 12.2015, 12.2760)
contains.

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Color

**XYZ(9.0543, 12.0905,
12.2124)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6A5D
RGB	61, 106, 93
RGB Percent	24%, 42%, 36%
CMY	0.7608, 0.5843, 0.6353
CMYK	0.42, 0.00, 0.12, 0.58
HSL	163°, 27%, 33%
HSV	163°, 42%, 42%
XYZ	9.0543, 12.0905, 12.2124
YIQ	91.0630, -22.6470, -13.5830

Conversions

Conversions Part 2

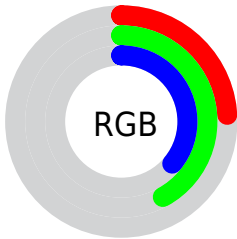
Format	Color
R_{YB}	61, 87, 106
Decimal	4024925
CIE _{Lab}	41.36, -18.89, 2.44
CIE _{LCh}	41, 19.043, 172.626
Yxy	12.0905, 0.2714, 0.3625
Android (android.graphics.Color)	4282215005 (0xFF3D6A5D)
YUV	91.0630, 0.9549, -26.3653
Hunter-Lab	34.7714, -14.3694, 3.5162

Details


The XYZ color **9.0543, 12.0905, 12.2124** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.8491, 6.8964, 7.3438**, and the grayscale version is **9.9601, 10.4788, 11.4114**.

A 20% lighter version of the original color is **23.7403, 29.8164, 30.4905**, and **2.1642, 3.3025, 3.2127** is the 20% darker color. If you saturate the color by 10%, you get **8.3324, 11.7340, 11.4848**, and if you desaturate by 10%, it is **9.9114, 12.5167, 12.9752**.

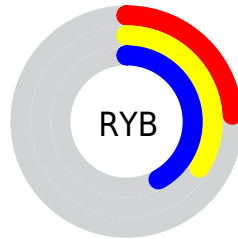
Distribution



 Red (24%)

 Green (42%)

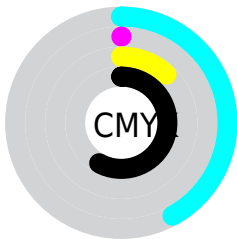
 Blue (36%)




 Red (24%)

 Yellow (34%)

 Blue (42%)

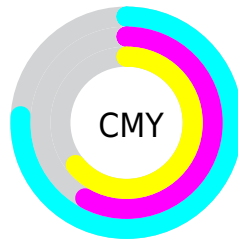


 Cyan (42%)


 Magenta (0%)

 Yellow (12%)

 Black (58%)



 Cyan (76%)

 Magenta (58%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.0543, 12.0905, 12.2124 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 9.0543, 12.0905, 12.2124 by changing the saturation by 10% instead.

9.0543, 12.0905,
12.2124

9.0543, 12.0905,
12.2124

177.9809,
205.0035, 216.8340

4.8340, 6.8053,
6.7642

23.6670, 29.6598,
30.5515

2.1840, 3.3407,
3.2389

34.7901, 42.7128,
44.2795

0.7343, 1.3121,
1.2179

48.9449, 59.1238,
61.6046

0.0000, 0.1505,
0.0000

66.4966, 79.2773,
82.9452

0.0000, 0.0000,
0.0000

87.8108, 103.5576,
108.7199

113.2526,

132.3491, 139.3472

143.1876,
166.0363, 175.2457

■ 9.0543, 12.0905,
12.2124

■ 9.0543, 12.0905,
12.2124

■ 8.3324, 11.7340,
11.4848

■ 9.9114, 12.5167,
12.9752

■ 7.7368, 11.4417,
10.7909

■ 10.9097, 13.0147,
13.7731

■ 7.2596, 11.2098,
10.1303

■ 12.0561, 13.5884,
14.6068

■ 6.8910, 11.0333,
9.5021

■ 13.3568, 14.2410,
15.4772

■ 6.6184, 10.9057,
8.9054

■ 14.8175, 14.9755,
16.3846

■ 6.4372, 10.8217,
8.4739

■ 16.4438, 15.7947,
17.3297

■ 18.2409, 16.7012,
18.3131

■ 20.2138, 17.6977,
19.3352

■ 22.3673, 18.7866,
20.3965

Harmonies

Analogous

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



9.5080, 12.0905, 9.0669



9.0543, 12.0905, 12.2124



9.2108, 12.0905, 16.3122

Triad

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



9.0543, 12.0905, 12.2124



12.5438, 12.0905, 21.5054



13.1800, 12.0905, 7.9987

Complementary

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



9.0543, 12.0905, 12.2124



8.8491, 6.8964, 7.3438

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.



14.1210, 12.0905, 10.4502



9.0543, 12.0905, 12.2124



13.7336, 12.0905, 18.3413

Square

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



9.0543, 12.0905, 12.2124



11.1542, 12.0905, 22.2382



14.3313, 12.0905, 14.1648



11.8358, 12.0905, 6.9712

Rectangle

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



9.0543, 12.0905, 12.2124



9.6465, 12.0905, 19.0153



14.3313, 12.0905, 14.1648



13.5583, 12.0905, 8.6569

Sweetspot

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



9.0546, 12.0910, 12.2127



20.9645, 23.7501, 25.4991



8.8594, 12.1213, 6.2878



4.8278, 5.5218, 5.9143



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



9.0546, 12.0910, 12.2127



14.6279, 20.5951, 20.1607



8.8011, 10.5826, 15.2150



3.1464, 3.4777, 3.7546



7.9735, 13.4235, 10.4377



40.2391, 68.2427, 51.1334

Inverse Universe

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



8.8491, 6.8964, 7.3438



14.2187, 10.1492, 10.3906



8.9767, 7.7818, 5.4440



3.1324, 3.1298, 3.4275



7.6636, 3.9176, 1.8573



38.7150, 19.8279, 7.7020

Previews

White Background



This preview shows how the XYZ color 9.0543, 12.0905, 12.2124 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 9.0543, 12.0905, 12.2124 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 9.0543, 12.0905, 12.2124

Background



This preview shows how black text looks on a background with the XYZ color 9.0543, 12.0905, 12.2124.



This preview shows how white text looks on a background with the XYZ color 9.0543, 12.0905,

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

9.0543, 12.0905, 12.2124

Protanopia

11.4030, 12.0207, 10.9517

Deuteranopia

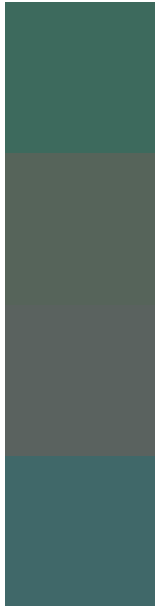
12.1774, 11.9757, 12.7361



Tritanopia

10.0216, 12.0286, 17.1228

Trichromacy



Original Color

9.0543, 12.0905, 12.2124

Protanomaly

10.2404, 11.8310, 11.4167

Deuteranomaly

10.6497, 11.7352, 12.5303

Tritanomaly

9.6145, 12.0105, 15.1761

Monochromacy



Original Color

9.0543, 12.0905, 12.2124

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.4229, 10.8439, 11.7217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.0543, 12.0905, 12.2124 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(61, 106, 93)` looks like.

```
.text, #text, p{  
    color:rgb(61, 106, 93)  
}
```

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(61, 106, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 106, 93) }
```

Border

The CSS property to change the border of an element to XYZ 9.0543, 12.0905, 12.2124 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(61, 106, 93) }
```


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

```
.border{ border-color:rgb(61, 106, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 106, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 106, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 106, 93);  
box-shadow:4px 4px 4px 4px rgb(61, 106,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 9.0543, 12.0905, 12.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 106, 93) }
```

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

```
.background{ background-color: rgb(61, 106,  
93) }
```

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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