

Converting Colors

XYZ(9.2061, 14.5414, 9.0866)

Have a look what the booklet for
XYZ(9.2061, 14.5414, 9.0866)
contains.

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Color

**XYZ(9.2399, 14.5831,
9.1653)**

Conversions

Conversions Part 1

Format	Color
Hex	30784C
RGB	48, 120, 76
RGB Percent	19%, 47%, 30%
CMY	0.8118, 0.5294, 0.7020
CMYK	0.60, 0.00, 0.37, 0.53
HSL	143°, 43%, 33%
HSV	143°, 60%, 47%
XYZ	9.2399, 14.5831, 9.1653
YIQ	93.4560, -28.7880, -28.9480

Conversions

Conversions Part 2

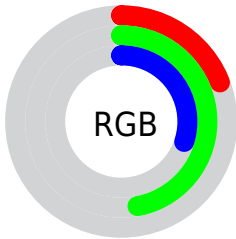
Format	Color
R_{YB}	48, 100, 120
Decimal	3176524
CIE _{Lab}	45.06, -33.28, 17.62
CIE _{LCh}	45, 37.654, 152.098
Yxy	14.5831, 0.2801, 0.4421
Android (android.graphics.Color)	4281366604 (0xFF30784C)
YUV	93.4560, -8.6058, -39.8649
Hunter-Lab	38.1878, -23.6390, 12.5015

Details

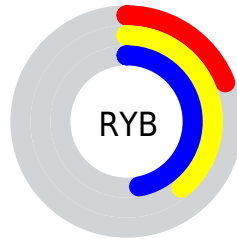
The XYZ color **9.2399, 14.5831, 9.1653** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.7349, 6.8800, 10.8879**, and the grayscale version is **10.5359, 11.0846, 12.0711**.

A 20% lighter version of the original color is **24.0121, 34.1345, 24.7251**, and **2.5006, 4.6054, 2.0535** is the 20% darker color. If you saturate the color by 10%, you get **8.5082, 14.2341, 7.8753**, and if you desaturate by 10%, it is **10.1546, 15.0239, 10.6163**.

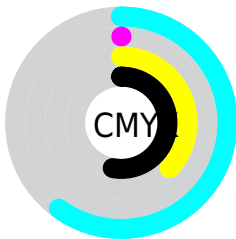
Distribution



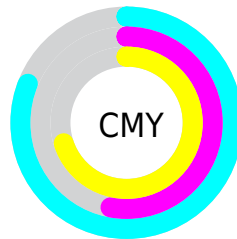
- Red (19%)
- Green (47%)
- Blue (30%)



- Red (19%)
- Yellow (39%)
- Blue (47%)



- Cyan (60%)
- Magenta (0%)
- Yellow (37%)
- Black (53%)





- Cyan (81%)
- Magenta (53%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.2399, 14.5831, 9.1653 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 9.2399, 14.5831, 9.1653 by changing the saturation by 10% instead.


 9.2399, 14.5831,
9.1653


 9.2399, 14.5831,
9.1653


179.3270,
220.8288, 194.8695


 4.9564, 8.5273,
4.7509


 24.0185, 34.1201,
24.7960


 2.2562, 4.4342,
2.0457

 35.2443, 48.3702,
36.8493


 0.7721, 1.9193,
0.5832

 49.5149, 66.1204,
52.2861

 0.0000, 0.5599,
0.0000

 67.1956, 87.7553,
71.5248

 0.0000, 0.0000,
0.0000

 88.6518, 113.6592,
94.9839

 114.2489,

144.2165, 123.0820

144.3522,
179.8115, 156.2377

■ 9.2399, 14.5831,
9.1653

■ 9.2399, 14.5831,
9.1653

■ 8.5082, 14.2341,
7.8753

■ 10.1546, 15.0239,
10.6163

■ 7.9448, 13.9682,
6.7396

■ 11.2634, 15.5609,
12.2326

■ 7.5342, 13.7780,
5.7524

■ 12.5778, 16.2003,
14.0198

■ 7.2231, 13.6360,
4.9056

■ 14.1079, 16.9472,
15.9828

■ 7.2231, 13.6360,
4.9055

■ 15.8634, 17.8066,
18.1262

■ 17.8532, 18.7829,
20.4546

■ 20.0856, 19.8803,
22.9724

■ 22.5688, 21.1030,
25.6837

■ 25.3104, 22.4548,
28.5927

Harmonies

Analogous

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



10.9338, 14.5831, 5.3765



9.2399, 14.5831, 9.1653



8.7250, 14.5831, 16.5104

Triad

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



9.2399, 14.5831, 9.1653



14.0797, 14.5831, 39.7166



19.5362, 14.5831, 8.4367

Complementary

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



9.2399, 14.5831, 9.1653



10.7349, 6.8800, 10.8879

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.



20.6966, 14.5831, 15.2630



9.2399, 14.5831, 9.1653



17.2684, 14.5831, 35.1277

Square

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



9.2399, 14.5831, 9.1653



11.2590, 14.5831, 36.1972



19.8112, 14.5831, 25.2609



16.8354, 14.5831, 5.0791

Rectangle

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



9.2399, 14.5831, 9.1653



9.0470, 14.5831, 23.1892



19.8112, 14.5831, 25.2609



20.1361, 14.5831, 10.2927

Sweetspot

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



9.2403, 14.5837, 9.1656



25.2671, 30.0284, 28.6762



11.7042, 15.9429, 5.2569



5.8212, 7.0349, 6.5877



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.



9.2403, 14.5837, 9.1656



14.5574, 24.8417, 13.0675



10.8382, 15.2229, 17.5804



4.0094, 4.4734, 4.5835



7.8731, 14.8729, 5.3165



37.1647, 70.7889, 23.3031

Inverse Universe

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



10.7349, 6.8800, 10.8879



17.4320, 9.9612, 16.3322



9.5267, 6.3967, 4.5257



4.0916, 4.0523, 4.6798



9.7672, 4.8830, 7.3309



46.1639, 23.1219, 32.7227

Previews

White Background



This preview shows how the XYZ color 9.2399, 14.5831, 9.1653 looks on a white background.

Color Contrast Check

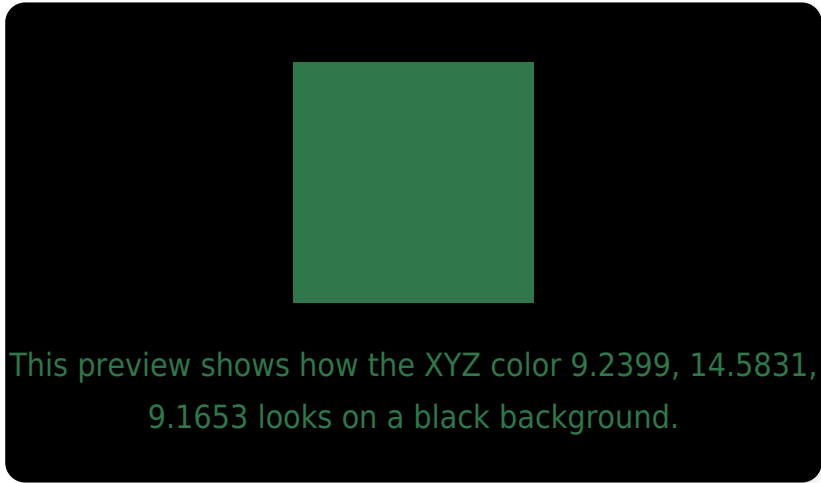
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.2399, 14.5831, 9.1653

Background



This preview shows how black text looks on a background with the XYZ color 9.2399, 14.5831, 9.1653.



This preview shows how white text looks on a background with the XYZ color 9.2399, 14.5831,

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

9.2399, 14.5831, 9.1653

Protanopia

13.3298, 14.3951, 7.8703

Deuteranopia

14.6568, 14.4419, 9.6045



Tritanopia

11.5791, 14.4888, 20.9252

Trichromacy



Original Color

9.2399, 14.5831, 9.1653

Protanomaly

11.1685, 14.0609, 8.2563

Deuteranomaly

11.8097, 14.0432, 9.4853

Tritanomaly

10.5343, 14.4012, 15.8602

Monochromacy



Original Color

9.2399, 14.5831, 9.1653

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

9.6311, 11.9664, 10.8190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.2399, 14.5831, 9.1653 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(48, 120, 76)` looks like.

```
.text, #text, p{  
    color:rgb(48, 120, 76)  
}
```

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(48, 120, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 120, 76) }
```

Border

The CSS property to change the border of an element to XYZ 9.2399, 14.5831, 9.1653 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(48, 120, 76) }
```


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

```
.border{ border-color:rgb(48, 120, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 120, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 120, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 120, 76);  
box-shadow:4px 4px 4px 4px rgb(48, 120,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 9.2399, 14.5831, 9.1653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 120, 76) }
```

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

```
.background{ background-color: rgb(48, 120,  
76) }
```

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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