

Converting Colors

XYZ(15.4270, 24.6191, 15.0052)

Have a look what the booklet for
XYZ(15.4270, 24.6191, 15.0052)
contains.

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Color

**XYZ(15.4270, 24.6191,
15.0052)**

Conversions

Conversions Part 1

Format	Color
Hex	3D9960
RGB	61, 153, 96
RGB Percent	24%, 60%, 38%
CMY	0.7608, 0.4000, 0.6235
CMYK	0.60, 0.00, 0.37, 0.40
HSL	143°, 43%, 42%
HSV	143°, 60%, 60%
XYZ	15.4270, 24.6191, 15.0052
YIQ	118.9940, -36.5350, -37.2310

Conversions

Conversions Part 2

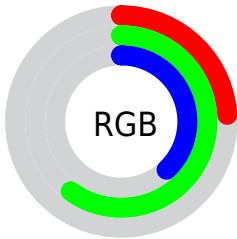
Format	Color
R_{YB}	61, 128, 153
Decimal	4036960
CIE _{Lab}	56.70, -40.63, 22.04
CIE _{LCh}	57, 46.225, 151.519
Yxy	24.6191, 0.2802, 0.4472
Android (android.graphics.Color)	4282227040 (0xFF3D9960)
YUV	118.9940, -11.3360, -50.8607
Hunter-Lab	49.6176, -31.3321, 16.8021

Details

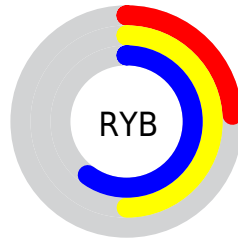
The XYZ color **15.4270, 24.6191, 15.0052** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **18.0764, 11.4182, 18.3915**, and the grayscale version is **17.5762, 18.4915, 20.1373**.

A 20% lighter version of the original color is **35.1585, 51.0002, 35.5947**, and **5.2081, 9.5291, 4.4705** is the 20% darker color. If you saturate the color by 10%, you get **14.2058, 24.0377, 12.8058**, and if you desaturate by 10%, it is **16.9708, 25.3621, 17.4956**.

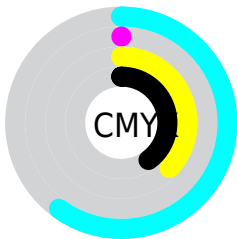
Distribution



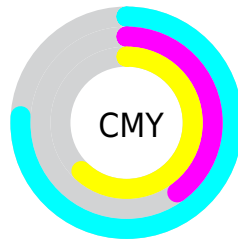
- Red (24%)
- Green (60%)
- Blue (38%)



- Red (24%)
- Yellow (50%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (37%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4270, 24.6191, 15.0052 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 15.4270, 24.6191, 15.0052 by changing the saturation by 10% instead.

■ 15.4270, 24.6191,
15.0052

■ 15.4270, 24.6191,
15.0052

219.2739,
275.9357, 235.0396

■ 9.2079, 15.7935,
8.6764

■ 35.1661, 51.0386,
35.6047

■ 4.9352, 9.3781,
4.4368

■ 49.4167, 69.4013,
50.7125

■ 2.2437, 4.9886,
1.8679

■ 67.0753, 91.7119,
69.5837

■ 0.7656, 2.2406,
0.4722

■ 88.5071, 118.3546,
92.6368

■ 0.0000, 0.7420,
0.0000

■ 114.0775,
149.7140, 120.2904

■ 0.0000, 0.0000,
0.0000

144.1519,

186.1743, 152.9631

179.0955,
228.1201, 191.0733

■ 15.4270, 24.6191,
15.0052

■ 15.4270, 24.6191,
15.0052

■ 14.2058, 24.0377,
12.8058

■ 16.9708, 25.3621,
17.4956

■ 13.2799, 23.6019,
10.8848

■ 18.8579, 26.2752,
20.2855

■ 12.6204, 23.2979,
9.2309

■ 21.1093, 27.3695,
23.3854

■ 12.1607, 23.0910,
7.8468

■ 23.7439, 28.6548,
26.8044

■ 26.7790, 30.1396,
30.5516

■ 30.2311, 31.8324,
34.6355

■ 34.1156, 33.7410,
39.0643

■ 38.4471, 35.8726,
43.8459

■ 43.2394, 38.2343,
48.9881

Harmonies

Analogous

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



18.3930, 24.6191, 8.6399



15.4270, 24.6191, 15.0052



14.4997, 24.6191, 27.5999

Triad

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



15.4270, 24.6191, 15.0052



23.6753, 24.6191, 68.7233



33.3836, 24.6191, 14.0992

Complementary

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



15.4270, 24.6191, 15.0052



18.0764, 11.4182, 18.3915

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.



35.3525, 24.6191, 26.0275



15.4270, 24.6191, 15.0052



29.2413, 24.6191, 60.8671

Square

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



15.4270, 24.6191, 15.0052



18.8009, 24.6191, 62.2353



33.7327, 24.6191, 43.5807



28.6932, 24.6191, 8.2755

Rectangle

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



15.4270, 24.6191, 15.0052



15.0279, 24.6191, 39.2220



33.7327, 24.6191, 43.5807



34.4154, 24.6191, 17.3330

Sweetspot

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



15.4276, 24.6201, 15.0058



43.4325, 51.7608, 49.1496



19.8787, 27.0613, 8.5907



9.2869, 11.2810, 10.4698



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



15.4276, 24.6201, 15.0058



24.8381, 42.7623, 21.7462



18.1043, 25.6908, 29.1010



6.2245, 6.9625, 7.1058



10.0655, 19.0896, 6.5654



0.1673, 0.2921, 0.1869

Inverse Universe

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



18.0764, 11.4182, 18.3915



29.9921, 16.9535, 28.2453



16.0177, 10.5948, 7.5508



6.3615, 6.2838, 7.2839



12.5734, 6.2836, 9.5443



0.2056, 0.1010, 0.2355

Previews

White Background



This preview shows how the XYZ color 15.4270, 24.6191, 15.0052 looks on a white 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

Black Background



This preview shows how the XYZ color 15.4270, 24.6191, 15.0052 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4270, 24.6191, 15.0052

Background



This preview shows how black text looks on a background with the XYZ color 15.4270, 24.6191, 15.0052.



This preview shows how white text looks on a background with the XYZ color 15.4270, 24.6191,

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

15.4270, 24.6191, 15.0052

Protanopia

22.4998, 24.2523, 12.9465

Deuteranopia

24.6297, 24.2758, 15.6995



Tritanopia

19.5891, 24.6544, 35.6246

Trichromacy



Original Color

15.4270, 24.6191, 15.0052

Protanomaly

18.8072, 23.8317, 13.7339

Deuteranomaly

19.5090, 23.2888, 15.2713

Tritanomaly

17.7931, 24.6219, 26.7364

Monochromacy



Original Color

15.4270, 24.6191, 15.0052

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.0225, 19.9770, 18.0504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4270, 24.6191, 15.0052 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, 153, 96)` looks like.

```
.text, #text, p{  
    color:rgb(61, 153, 96)  
}
```

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, 153, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 153, 96) }
```

Border

The CSS property to change the border of an element to XYZ 15.4270, 24.6191, 15.0052 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, 153, 96) }
```


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

```
.border{ border-color:rgb(61, 153, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 153, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 153, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 153, 96);  
box-shadow:4px 4px 4px 4px rgb(61, 153,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4270, 24.6191, 15.0052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 153, 96) }
```

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

```
.background{ background-color: rgb(61, 153,  
96) }
```

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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