

Converting Colors

XYZ(15.8144, 24.7740, 17.0451)

Have a look what the booklet for
XYZ(15.8144, 24.7740, 17.0451)
contains.

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Color

**XYZ(15.8144, 24.7740,
17.0451)**

Conversions

Conversions Part 1

Format	Color
Hex	3D9968
RGB	61, 153, 104
RGB Percent	24%, 60%, 41%
CMY	0.7608, 0.4000, 0.5922
CMYK	0.60, 0.00, 0.32, 0.40
HSL	148°, 43%, 42%
HSV	148°, 60%, 60%
XYZ	15.8144, 24.7740, 17.0451
YIQ	119.9060, -39.1030, -34.7430

Conversions

Conversions Part 2

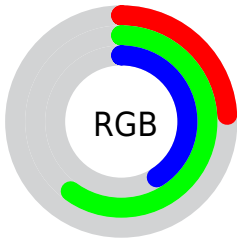
Format	Color
R_{YB}	61, 124, 153
Decimal	4036968
CIE _{Lab}	56.85, -39.02, 17.82
CIE _{LCh}	57, 42.900, 155.454
Yxy	24.7740, 0.2744, 0.4299
Android (android.graphics.Color)	4282227048 (0xFF3D9968)
YUV	119.9060, -7.8417, -51.6606
Hunter-Lab	49.7735, -30.3893, 14.5374

Details

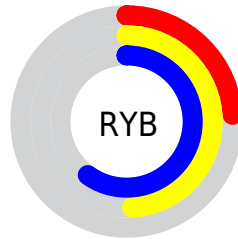
The XYZ color **15.8144, 24.7740, 17.0451** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **17.6209, 11.2362, 15.9929**, and the grayscale version is **17.8563, 18.7863, 20.4582**.

A 20% lighter version of the original color is **35.8084, 51.2602, 39.0173**, and **5.3675, 9.5929, 5.3101** is the 20% darker color. If you saturate the color by 10%, you get **14.6095, 24.1991, 14.9316**, and if you desaturate by 10%, it is **17.3293, 25.5055, 19.3830**.

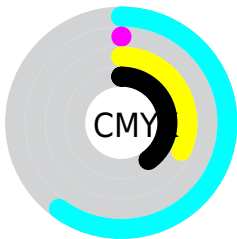
Distribution



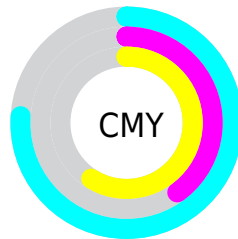
- Red (24%)
- Green (60%)
- Blue (41%)



- Red (24%)
- Yellow (49%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (32%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8144, 24.7740, 17.0451 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 15.8144, 24.7740, 17.0451 by changing the saturation by 10% instead.

■ 15.8144, 24.7740,
17.0451

■ 15.8144, 24.7740,
17.0451

221.5360,
276.7106, 247.4849

■ 9.4829, 15.9088,
10.1044

■ 35.8357, 51.2903,
39.1950

■ 5.1171, 9.4596,
5.3617

■ 50.2563, 69.7102,
55.2413

■ 2.3516, 5.0422,
2.3986

■ 68.1040, 92.0838,
75.1598

■ 0.8209, 2.2720,
0.7857

■ 89.7441, 118.7954,
99.3690

■ 0.0000, 0.7588,
0.0000

■ 115.5420,
150.2295, 128.2877

■ 0.0000, 0.0000,
0.0000

145.8631,

186.7705, 162.3341

181.0726,
228.8027, 201.9270

■ 15.8144, 24.7740,
17.0451

■ 15.8144, 24.7740,
17.0451

■ 14.6095, 24.1991,
14.9316

■ 17.3293, 25.5055,
19.3830

■ 13.6881, 23.7651,
13.0339

■ 19.1741, 26.4016,
21.9504

■ 13.0219, 23.4583,
11.3449

■ 21.3694, 27.4735,
24.7541

■ 12.5455, 23.2448,
9.8730

■ 23.9331, 28.7304,
27.8003

■ 26.8823, 30.1809,
31.0948

■ 30.2328, 31.8331,
34.6433

■ 33.9994, 33.6944,
38.4512

■ 38.1962, 35.7722,
42.5238

■ 42.8368, 38.0732,
46.8663

Harmonies

Analogous

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



18.3812, 24.7740, 10.1438



15.8144, 24.7740, 17.0451



15.1875, 24.7740, 29.6876

Triad

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



15.8144, 24.7740, 17.0451



24.4761, 24.7740, 64.9012



32.3152, 24.7740, 13.9096

Complementary

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



15.8144, 24.7740, 17.0451



17.6209, 11.2362, 15.9929

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.



34.5192, 24.7740, 24.4323



15.8144, 24.7740, 17.0451



29.5998, 24.7740, 56.3321

Square

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



15.8144, 24.7740, 17.0451



19.7611, 24.7740, 60.7336



33.4611, 24.7740, 40.1623



27.7878, 24.7740, 8.8359

Rectangle

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



15.8144, 24.7740, 17.0451



15.8640, 24.7740, 40.6817



33.4611, 24.7740, 40.1623



33.3796, 24.7740, 16.7547

Sweetspot

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



15.8151, 24.7750, 17.0457



43.7458, 51.8861, 50.7993



18.6730, 26.4397, 8.5344



9.3645, 11.3120, 10.8783



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.



15.8151, 24.7750, 17.0457



25.5659, 43.0534, 25.5787



18.8161, 25.9754, 32.8492



6.2463, 6.9712, 7.2203



10.3848, 19.2174, 8.2470



0.1734, 0.2946, 0.2188

Inverse Universe

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



17.6209, 11.2362, 15.9929



29.0886, 16.5921, 23.4874



15.7336, 10.4813, 6.0546



6.3394, 6.2749, 7.1673



12.1171, 6.1011, 7.1418



0.1995, 0.0986, 0.2035

Previews

White Background



This preview shows how the XYZ color 15.8144, 24.7740, 17.0451 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 15.8144, 24.7740, 17.0451 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 15.8144, 24.7740, 17.0451

Background



This preview shows how black text looks on a background with the XYZ color 15.8144, 24.7740, 17.0451.



This preview shows how white text looks on a background with the XYZ color 15.8144, 24.7740,

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

15.8144, 24.7740, 17.0451

Protanopia

22.6294, 24.2835, 14.5608

Deuteranopia

24.8435, 24.3385, 17.8564



Tritanopia

19.5923, 24.6461, 36.0723

Trichromacy



Original Color

15.8144, 24.7740, 17.0451

Protanomaly

18.9954, 23.8917, 15.4148

Deuteranomaly

19.9107, 23.4494, 17.3867

Tritanomaly

18.0074, 24.7076, 27.8647

Monochromacy



Original Color

15.8144, 24.7740, 17.0451

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

16.4341, 20.3701, 18.9852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8144, 24.7740, 17.0451 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, 104)` looks like.

```
.text, #text, p{  
    color:rgb(61, 153, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 153, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.8144, 24.7740, 17.0451 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, 104) }
```


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

```
.border{ border-color:rgb(61, 153, 104) }
```

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, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 153, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 153, 104);  
box-shadow:4px 4px 4px 4px rgb(61, 153,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8144, 24.7740, 17.0451 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, 104) }
```

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

```
.background{ background-color: rgb(61, 153,  
104) }
```

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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