

Converting Colors

XYZ(14.9756, 19.1539, 9.6312)

Have a look what the booklet for
XYZ(14.9756, 19.1539, 9.6312)
contains.

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Color

**XYZ(15.0641, 19.2727,
9.5826)**

Conversions

Conversions Part 1

Format	Color
Hex	6A814B
RGB	106, 129, 75
RGB Percent	42%, 51%, 29%
CMY	0.5843, 0.4941, 0.7059
CMYK	0.18, 0.00, 0.42, 0.49
HSL	86°, 26%, 40%
HSV	86°, 42%, 51%
XYZ	15.0641, 19.2727, 9.5826
YIQ	115.9670, 3.6260, -21.6700

Conversions

Conversions Part 2

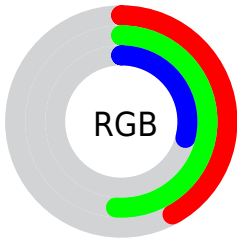
Format	Color
R_{YB}	75, 129, 98
Decimal	6979915
CIE _{Lab}	51.00, -18.23, 26.56
CIE _{LCh}	51, 32.216, 124.458
Yxy	19.2727, 0.3430, 0.4388
Android (android.graphics.Color)	4285169995 (0xFF6A814B)
YUV	115.9670, -20.1967, -8.7411
Hunter-Lab	43.9007, -15.5756, 17.7887

Details

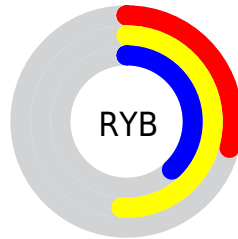
The XYZ color **15.0641, 19.2727, 9.5826** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.5163, 9.2143, 21.9416**, and the grayscale version is **16.6499, 17.5170, 19.0760**.

A 20% lighter version of the original color is **34.5302, 42.2057, 25.7286**, and **4.7778, 6.6959, 2.2030** is the 20% darker color. If you saturate the color by 10%, you get **14.0345, 18.7885, 7.4588**, and if you desaturate by 10%, it is **16.2261, 19.8160, 12.1808**.

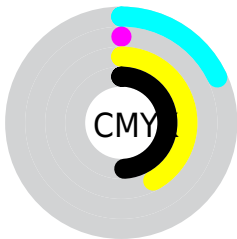
Distribution



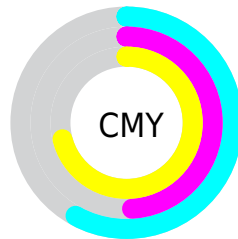
- Red (42%)
- Green (51%)
- Blue (29%)



- Red (29%)
- Yellow (51%)
- Blue (38%)



- Cyan (18%)
- Magenta (0%)
- Yellow (42%)
- Black (49%)



- Cyan (58%)
- Magenta (49%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0641, 19.2727, 9.5826 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 15.0641, 19.2727, 9.5826 by changing the saturation by 10% instead.

■ 15.0641, 19.2727,
9.5826

■ 15.0641, 19.2727,
9.5826

217.1346,
247.9501, 198.0418

■ 8.9510, 11.8675,
5.0211

■ 34.5363, 42.1944,
25.6028

■ 4.7661, 6.6535,
2.2007

■ 48.6262, 58.4797,
37.8987

■ 2.1440, 3.2464,
0.6748

■ 66.1056, 78.4937,
53.6097

■ 0.7130, 1.2617,
0.0000

■ 87.3400, 102.6210,
73.1545

■ 0.0000, 0.1112,
0.0000

■ 112.6948,
131.2459, 96.9515

■ 0.0000, 0.0000,
0.0000

142.5352,

164.7528, 125.4194

177.2267,
203.5261, 158.9767

■ 15.0641, 19.2727,
9.5826

■ 15.0641, 19.2727,
9.5826

■ 14.0345, 18.7885,
7.4588

■ 16.2261, 19.8160,
12.1808

■ 13.1296, 18.3582,
5.7795

■ 17.5248, 20.4183,
15.2786

■ 12.3431, 17.9800,
4.5131

■ 18.9660, 21.0826,
18.9006

■ 11.6673, 17.6505,
3.6238

■ 20.5548, 21.8110,
23.0697

■ 11.0932, 17.3663,
3.0690

■ 22.2959, 22.6055,
27.8074

■ 10.6787, 17.1593,
2.7492

■ 24.1939, 23.4681,
33.1338

■ 26.2531, 24.4004,
39.0684

■ 28.4776, 25.4043,
45.6294

■ 30.8714, 26.4813,
52.8346

Harmonies

Analogous

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



17.8458, 19.2727, 7.8973



15.0641, 19.2727, 9.5826



13.3253, 19.2727, 14.2888

Triad

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



15.0641, 19.2727, 9.5826



15.8001, 19.2727, 41.1444



25.1343, 19.2727, 19.6495

Complementary

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



15.0641, 19.2727, 9.5826



11.5163, 9.2143, 21.9416

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.



24.4243, 19.2727, 29.5009



15.0641, 19.2727, 9.5826



18.7987, 19.2727, 43.8043

Square

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



15.0641, 19.2727, 9.5826



13.7144, 19.2727, 32.5673



22.0099, 19.2727, 39.0436



23.8516, 19.2727, 12.5365

Rectangle

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



15.0641, 19.2727, 9.5826



12.8692, 19.2727, 19.3344



22.0099, 19.2727, 39.0436



25.1219, 19.2727, 22.7263

Sweetspot

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



15.0646, 19.2735, 9.5830



33.5734, 37.5735, 32.8491



14.6450, 13.8179, 8.5521



7.4852, 8.4521, 7.1454



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.0646, 19.2735, 9.5830



25.2512, 33.7009, 13.5924



12.3870, 17.8932, 9.4577



4.4938, 4.9310, 4.6351



10.4161, 16.7321, 2.6806



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.5163, 9.2143, 21.9416



18.0229, 13.1950, 38.7895



14.8639, 10.9401, 22.0982



4.2690, 4.2943, 5.4171



5.4015, 2.3383, 20.4166



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0641, 19.2727, 9.5826 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 15.0641, 19.2727, 9.5826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

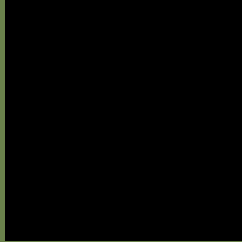
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.0641, 19.2727, 9.5826

Background



This preview shows how black text looks on a background with the XYZ color 15.0641, 19.2727, 9.5826.



This preview shows how white text looks on a background with the XYZ color 15.0641, 19.2727,

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

15.0641, 19.2727, 9.5826

Protanopia

17.6799, 19.1292, 8.8914

Deuteranopia

19.4746, 19.1518, 9.8780



Tritanopia

18.0638, 19.1624, 24.5764

Trichromacy



Original Color

15.0641, 19.2727, 9.5826

Protanomaly

16.5786, 19.1073, 9.1176

Deuteranomaly

17.5370, 19.0359, 9.7712

Tritanomaly

16.7584, 19.1944, 17.8606

Monochromacy



Original Color

15.0641, 19.2727, 9.5826

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.8684, 18.0591, 14.9613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0641, 19.2727, 9.5826 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(106, 129, 75)` looks like.

```
.text, #text, p{  
    color:rgb(106, 129, 75)  
}
```

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(106, 129, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 129, 75) }
```

Border

The CSS property to change the border of an element to XYZ 15.0641, 19.2727, 9.5826 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(106, 129, 75) }
```


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

```
.border{ border-color:rgb(106, 129, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 129, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 129, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 129, 75);  
box-shadow:4px 4px 4px 4px rgb(106, 129,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0641, 19.2727, 9.5826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 129, 75) }
```

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

```
.background{ background-color: rgb(106,  
129, 75) }
```

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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