

Converting Colors

XYZ(15.1382, 19.4366, 12.8516)

Have a look what the booklet for
XYZ(15.1382, 19.4366, 12.8516)
contains.

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Color

**XYZ(15.1265, 19.4299,
12.8506)**

Conversions

Conversions Part 1

Format	Color
Hex	64825B
RGB	100, 130, 91
RGB Percent	39%, 51%, 36%
CMY	0.6078, 0.4902, 0.6431
CMYK	0.23, 0.00, 0.30, 0.49
HSL	106°, 18%, 43%
HSV	106°, 30%, 51%
XYZ	15.1265, 19.4299, 12.8506
YIQ	116.5840, -5.3610, -18.4890

Conversions

Conversions Part 2

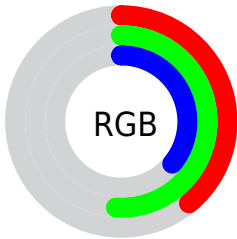
Format	Color
R_{YB}	91, 130, 121
Decimal	6586971
CIE _{Lab}	51.19, -18.64, 17.74
CIE _{LCh}	51, 25.727, 136.422
Yxy	19.4299, 0.3191, 0.4099
Android (android.graphics.Color)	4284777051 (0xFF64825B)
YUV	116.5840, -12.6129, -14.5442
Hunter-Lab	44.0794, -15.8839, 13.5705

Details

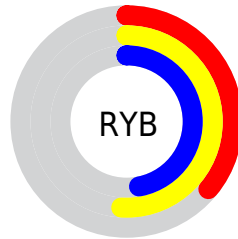
The XYZ color **15.1265, 19.4299, 12.8506** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.6562, 13.1593, 22.8349**, and the grayscale version is **16.8192, 17.6952, 19.2700**.

A 20% lighter version of the original color is **34.6901, 42.4655, 31.5676**, and **4.8323, 6.8044, 3.5413** is the 20% darker color. If you saturate the color by 10%, you get **13.5747, 18.6898, 10.0999**, and if you desaturate by 10%, it is **16.9123, 20.2806, 16.1203**.

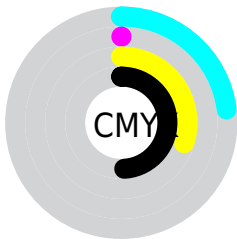
Distribution



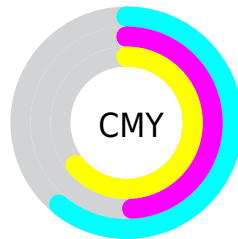
- Red (39%)
- Green (51%)
- Blue (36%)



- Red (36%)
- Yellow (51%)
- Blue (47%)



- Cyan (23%)
- Magenta (0%)
- Yellow (30%)
- Black (49%)



- Cyan (61%)
- Magenta (49%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1265, 19.4299, 12.8506 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 15.1265, 19.4299, 12.8506 by changing the saturation by 10% instead.

■ 15.1265, 19.4299,
12.8506

■ 15.1265, 19.4299,
12.8506

217.5038,
248.8119, 221.1320

■ 8.9951, 11.9813,
7.1962

■ 34.6448, 42.4593,
31.7224

■ 4.7951, 6.7310,
3.5048

■ 48.7624, 58.8089,
45.7768

■ 2.1610, 3.2944,
1.3578

■ 66.2728, 78.8942,
63.4684

■ 0.7221, 1.2873,
0.1085

■ 87.5413, 103.0998,
85.2157

■ 0.0000, 0.1313,
0.0000

112.9333,
131.8100, 111.4371

■ 0.0000, 0.0000,
0.0000

142.8142,

165.4091, 142.5513

177.5492,
204.2816, 178.9768

■ 15.1265, 19.4299,
12.8506

■ 15.1265, 19.4299,
12.8506

■ 13.5747, 18.6898,
10.0999

■ 16.9123, 20.2806,
16.1203

■ 12.2454, 18.0531,
7.8403

■ 18.9400, 21.2436,
19.9323

■ 11.1286, 17.5160,
6.0432

■ 21.2187, 22.3238,
24.3104

■ 10.2126, 17.0731,
4.6766

■ 23.7568, 23.5249,
29.2762

■ 9.4848, 16.7187,
3.7044

■ 26.5622, 24.8507,
34.8503

■ 8.9306, 16.4461,
3.0845

■ 29.6426, 26.3046,
41.0525

■ 8.5184, 16.2420,
2.6861

■ 33.0053, 27.8900,
47.9014

■ 36.6572, 29.6101,
55.4151

■ 40.6051, 31.4681,
63.6107

Harmonies

Analogous

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



17.1108, 19.4299, 10.3108



15.1265, 19.4299, 12.8506



14.0845, 19.4299, 18.0160

Triad

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



15.1265, 19.4299, 12.8506



17.3359, 19.4299, 38.0289



23.6024, 19.4299, 17.4159

Complementary

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



15.1265, 19.4299, 12.8506



15.6562, 13.1593, 22.8349

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.



23.6769, 19.4299, 24.6408



15.1265, 19.4299, 12.8506



19.8942, 19.4299, 37.7619

Square

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



15.1265, 19.4299, 12.8506



15.2782, 19.4299, 33.0985



22.2675, 19.4299, 32.4365



22.0725, 19.4299, 12.4992

Rectangle

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



15.1265, 19.4299, 12.8506



13.9956, 19.4299, 22.7719



22.2675, 19.4299, 32.4365



23.8031, 19.4299, 19.6182

Sweetspot

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



15.1270, 19.4307, 12.8510



33.6566, 37.5539, 35.6780



17.9203, 19.1524, 12.6501



7.5113, 8.4495, 7.8725



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.



15.1270, 19.4307, 12.8510



24.7321, 33.3079, 19.2327



14.6662, 19.1377, 15.3363



4.3618, 4.8629, 4.6289



8.1728, 15.5756, 2.5756



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.6562, 13.1593, 22.8349



25.8154, 20.4042, 39.7703



16.3136, 13.5749, 19.4034



4.4042, 4.3640, 5.4235



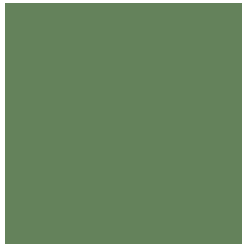
8.9090, 4.1465, 20.5807



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1265, 19.4299, 12.8506 looks on a white background.

Color Contrast Check

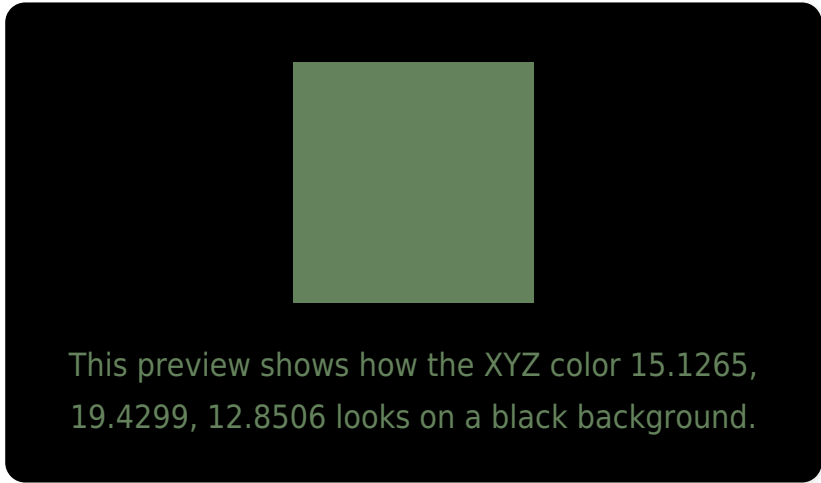
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 15.1265, 19.4299, 12.8506

Background



This preview shows how black text looks on a background with the XYZ color 15.1265, 19.4299, 12.8506.



This preview shows how white text looks on a background with the XYZ color 15.1265, 19.4299,

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

15.1265, 19.4299, 12.8506

Protanopia

17.9177, 19.1882, 11.7761

Deuteranopia

19.7094, 19.3704, 13.2897



Tritanopia

17.5741, 19.2623, 25.3460

Trichromacy



Original Color

15.1265, 19.4299, 12.8506

Protanomaly

16.7148, 19.1130, 12.0407

Deuteranomaly

17.6877, 19.2214, 13.1338

Tritanomaly

16.4398, 19.1728, 19.9738

Monochromacy



Original Color

15.1265, 19.4299, 12.8506

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.2219, 18.3813, 16.8803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1265, 19.4299, 12.8506 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(100, 130, 91)` looks like.

```
.text, #text, p{  
    color:rgb(100, 130, 91)  
}
```

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(100, 130, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 130, 91) }
```

Border

The CSS property to change the border of an element to XYZ 15.1265, 19.4299, 12.8506 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(100, 130, 91) }
```


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

```
.border{ border-color:rgb(100, 130, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 130, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 130, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 130, 91);  
box-shadow:4px 4px 4px 4px rgb(100, 130,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1265, 19.4299, 12.8506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 130, 91) }
```

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

```
.background{ background-color: rgb(100,  
130, 91) }
```

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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