

Converting Colors

XYZ(15.1069, 20.5788, 13.5516)

Have a look what the booklet for
XYZ(15.1069, 20.5788, 13.5516)
contains.

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Color

**XYZ(15.0943, 20.6228,
13.5410)**

Conversions

Conversions Part 1

Format	Color
Hex	5B885D
RGB	91, 136, 93
RGB Percent	36%, 53%, 36%
CMY	0.6431, 0.4667, 0.6353
CMYK	0.33, 0.00, 0.32, 0.47
HSL	123°, 20%, 45%
HSV	123°, 33%, 53%
XYZ	15.0943, 20.6228, 13.5410
YIQ	117.6430, -13.0170, -22.9130

Conversions

Conversions Part 2

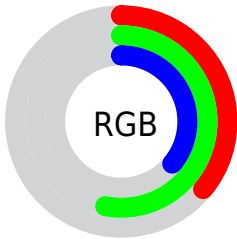
Format	Color
R_YB	91, 134, 136
Decimal	5998685
CIE _{Lab}	52.53, -24.64, 18.33
CIE _{LCh}	53, 30.711, 143.350
Yxy	20.6228, 0.3064, 0.4187
Android (android.graphics.Color)	4284188765 (0xFF5B885D)
YUV	117.6430, -12.1490, -23.3659
Hunter-Lab	45.4123, -20.1412, 14.1096

Details

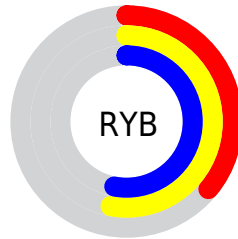
The XYZ color **15.0943, 20.6228, 13.5410** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.1981, 14.4380, 24.3825**, and the grayscale version is **17.1484, 18.0414, 19.6471**.

A 20% lighter version of the original color is **34.7752, 44.6802, 33.1768**, and **4.7758, 7.3451, 3.7508** is the 20% darker color. If you saturate the color by 10%, you get **13.3457, 19.7829, 10.7057**, and if you desaturate by 10%, it is **17.1848, 21.6288, 16.9039**.

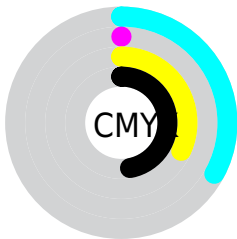
Distribution



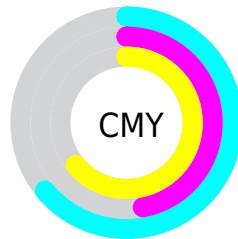
- Red (36%)
- Green (53%)
- Blue (36%)



- Red (36%)
- Yellow (53%)
- Blue (53%)



- Cyan (33%)
- Magenta (0%)
- Yellow (32%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0943, 20.6228, 13.5410 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 15.0943, 20.6228, 13.5410 by changing the saturation by 10% instead.

■ 15.0943, 20.6228,
13.5410

■ 15.0943, 20.6228,
13.5410

217.3134,
255.2670, 225.6846

■ 8.9723, 12.8486,
7.6670

■ 34.5888, 44.4589,
32.9777

■ 4.7801, 7.3243,
3.7979

■ 48.6921, 61.2896,
47.3775

■ 2.1523, 3.6658,
1.5152

■ 66.1865, 81.9079,
65.4563

■ 0.7174, 1.4884,
0.2292

■ 87.4375, 106.6981,
87.6327

■ 0.0000, 0.2805,
0.0000

112.8103,
136.0448, 114.3251

■ 0.0000, 0.0000,
0.0000

142.6703,

170.3322, 145.9523

177.3828,
209.9448, 182.9326

■ 15.0943, 20.6228,
13.5410

■ 15.0943, 20.6228,
13.5410

■ 13.3457, 19.7829,
10.7057

■ 17.1848, 21.6288,
16.9039

■ 11.9194, 19.0978,
8.3699

■ 19.6324, 22.8065,
20.8177

■ 10.7960, 18.5588,
6.5051


■ 22.4533, 24.1643,
25.3062


■ 9.9538, 18.1553,
5.0793


■ 25.6620, 25.7093,
30.3912


■ 9.3678, 17.8753,
4.0567


■ 29.2727, 27.4482,
36.0934


 9.0087, 17.7044,
3.3955

 33.2985, 29.3874,
42.4326

 8.8377, 17.6224,
3.1094

 37.7520, 31.5331,
49.4275

 42.6454, 33.8910,
57.0964

 47.9901, 36.4668,
65.4566

Harmonies

Analogous

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



17.2768, 20.6228, 9.9108



15.0943, 20.6228, 13.5410



14.1345, 20.6228, 20.4875

Triad

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



15.0943, 20.6228, 13.5410



18.9018, 20.6228, 44.7213



25.7669, 20.6228, 16.2057

Complementary

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



15.0943, 20.6228, 13.5410



18.1981, 14.4380, 24.3825

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.



26.3223, 20.6228, 24.5441



15.0943, 20.6228, 13.5410



22.1256, 20.6228, 42.6702

Square

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



15.0943, 20.6228, 13.5410



16.1738, 20.6228, 39.6343



24.9266, 20.6228, 34.6114



23.4818, 20.6228, 11.1333

Rectangle

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



15.0943, 20.6228, 13.5410



14.2345, 20.6228, 26.7447



24.9266, 20.6228, 34.6114



26.1716, 20.6228, 18.6499

Sweetspot

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



15.0948, 20.6237, 13.5415



35.9560, 40.8442, 38.8521



20.6048, 23.4743, 13.3426



8.1914, 9.3938, 8.7817



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.0948, 20.6237, 13.5415



24.1526, 35.1666, 19.8983



16.2136, 21.0712, 19.4328



4.9803, 5.6116, 5.4172



8.3652, 16.6787, 2.9478



0.0566, 0.1112, 0.0250

Inverse Universe

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



18.1981, 14.4380, 24.3825



30.5284, 22.4541, 42.1690



16.8196, 13.8866, 17.1236



5.2244, 5.1252, 6.2702



13.4213, 6.4786, 20.5205



0.0905, 0.0436, 0.1436

Previews

White Background



This preview shows how the XYZ color 15.0943, 20.6228, 13.5410 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 15.0943, 20.6228, 13.5410 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 15.0943, 20.6228, 13.5410

Background



This preview shows how black text looks on a background with the XYZ color 15.0943, 20.6228, 13.5410.



This preview shows how white text looks on a background with the XYZ color 15.0943, 20.6228,

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

15.0943, 20.6228, 13.5410

Protanopia

19.0867, 20.5227, 12.1878

Deuteranopia

20.7282, 20.4070, 14.1557



Tritanopia

17.9718, 20.5680, 27.8338

Trichromacy



Original Color

15.0943, 20.6228, 13.5410

Protanomaly

17.3035, 20.3606, 12.6909

Deuteranomaly

18.1764, 20.2019, 14.0077

Tritanomaly

16.7562, 20.4740, 21.8076

Monochromacy



Original Color

15.0943, 20.6228, 13.5410

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.2783, 18.9595, 17.2696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0943, 20.6228, 13.5410 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(91, 136, 93)` looks like.

```
.text, #text, p{  
    color:rgb(91, 136, 93)  
}
```

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(91, 136, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 136, 93) }
```

Border

The CSS property to change the border of an element to XYZ 15.0943, 20.6228, 13.5410 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(91, 136, 93) }
```


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

```
.border{ border-color:rgb(91, 136, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 136, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 136, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 136, 93);  
box-shadow:4px 4px 4px 4px rgb(91, 136,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0943, 20.6228, 13.5410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 136, 93) }
```

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

```
.background{ background-color: rgb(91, 136,  
93) }
```

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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