

Converting Colors

XYZ(15.5075, 20.7590, 15.1481)

Have a look what the booklet for
XYZ(15.5075, 20.7590, 15.1481)
contains.

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Color

**XYZ(15.5180, 20.8037,
15.2542)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8864
RGB	92, 136, 100
RGB Percent	36%, 53%, 39%
CMY	0.6392, 0.4667, 0.6078
CMYK	0.32, 0.00, 0.26, 0.47
HSL	131°, 19%, 45%
HSV	131°, 32%, 53%
XYZ	15.5180, 20.8037, 15.2542
YIQ	118.7400, -14.6680, -20.5240

Conversions

Conversions Part 2

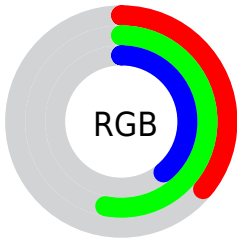
Format	Color
R_{YB}	92, 129, 136
Decimal	6064228
CIE _{Lab}	52.73, -22.99, 14.63
CIE _{LCh}	53, 27.252, 147.524
Yxy	20.8037, 0.3009, 0.4034
Android (android.graphics.Color)	4284254308 (0xFF5C8864)
YUV	118.7400, -9.2388, -23.4510
Hunter-Lab	45.6111, -19.0893, 12.0988

Details

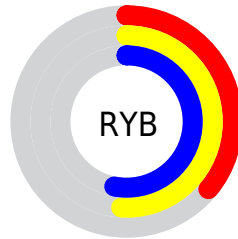
The XYZ color **15.5180, 20.8037, 15.2542** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.8774, 14.4474, 22.2692**, and the grayscale version is **17.4844, 18.3949, 20.0321**.

A 20% lighter version of the original color is **35.5010, 44.9906, 36.0911**, and **4.9667, 7.4262, 4.5398** is the 20% darker color. If you saturate the color by 10%, you get **13.7772, 19.9649, 12.5509**, and if you desaturate by 10%, it is **17.5774, 21.7994, 18.3574**.

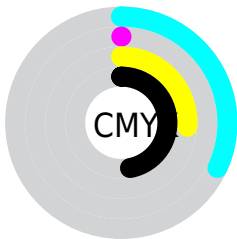
Distribution



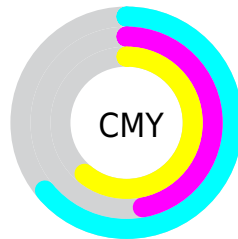
- Red (36%)
- Green (53%)
- Blue (39%)



- Red (36%)
- Yellow (51%)
- Blue (53%)



- Cyan (32%)
- Magenta (0%)
- Yellow (26%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5180, 20.8037, 15.2542 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 15.5180, 20.8037, 15.2542 by changing the saturation by 10% instead.

■ 15.5180, 20.8037,
15.2542

■ 15.5180, 20.8037,
15.2542

219.8072,
256.2334, 236.5933

■ 9.2724, 12.9806,
8.8494

■ 35.3236, 44.7606,
36.0471

■ 4.9778, 7.4152,
4.5476

■ 49.6144, 61.6632,
51.2723

■ 2.2689, 3.7231,
1.9303

■ 67.3175, 82.3611,
70.2746

■ 0.7787, 1.5199,
0.5119

■ 88.7985, 107.2386,
93.4727

■ 0.0000, 0.3027,
0.0000

114.4226,
136.6802, 121.2851

■ 0.0000, 0.0000,
0.0000

144.5552,

171.0703, 154.1303

179.5616,
210.7932, 192.4268

■ 15.5180, 20.8037,
15.2542

■ 15.5180, 20.8037,
15.2542

■ 13.7772, 19.9649,
12.5509

■ 17.5774, 21.7994,
18.3574

■ 12.3374, 19.2725,
10.2299

■ 19.9687, 22.9568,
21.8743

■ 11.1816, 18.7188,
8.2742

■ 22.7063, 24.2836,
25.8199

■ 10.2906, 18.2942,
6.6653

■ 25.8033, 25.7863,
30.2080

■ 9.6427, 17.9879,
5.3827

■ 29.2723, 27.4710,
35.0518

■ 9.2126, 17.7874,
4.4040

■ 33.1250, 29.3435,
40.3638

■ 8.9771, 17.6781,
3.8435

■ 37.3728, 31.4095,
46.1562

■ 42.0265, 33.6743,
52.4406

■ 47.0965, 36.1430,
59.2284

Harmonies

Analogous

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



17.3574, 20.8037, 11.4273



15.5180, 20.8037, 15.2542



14.8075, 20.8037, 21.9833

Triad

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



15.5180, 20.8037, 15.2542



19.5385, 20.8037, 42.1260



25.0177, 20.8037, 16.1703

Complementary

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



15.5180, 20.8037, 15.2542



17.8774, 14.4474, 22.2692

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.



25.7411, 20.8037, 23.3335



15.5180, 20.8037, 15.2542



22.4036, 20.8037, 39.5285

Square

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



15.5180, 20.8037, 15.2542



16.9857, 20.8037, 38.5581



24.7430, 20.8037, 32.1214



22.8503, 20.8037, 11.8605

Rectangle

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



15.5180, 20.8037, 15.2542



15.0130, 20.8037, 27.6905



24.7430, 20.8037, 32.1214



25.4464, 20.8037, 18.2645

Sweetspot

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



15.5185, 20.8046, 15.2547



36.1680, 40.9290, 39.9688



19.7394, 23.0231, 13.5289



8.2456, 9.4155, 9.0669



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.



15.5185, 20.8046, 15.2547



24.9971, 35.5287, 23.2480



16.6900, 21.2732, 21.4237



5.0066, 5.6221, 5.5558



8.4989, 16.7321, 3.6518



0.0604, 0.1127, 0.0452

Inverse Universe

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



17.8774, 14.4474, 22.2692



29.8387, 22.4698, 37.6375



16.6174, 13.9434, 15.6340



5.1955, 5.1136, 6.1180



12.3428, 6.0472, 14.8412



0.0867, 0.0421, 0.1234

Previews

White Background



This preview shows how the XYZ color 15.5180, 20.8037, 15.2542 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 15.5180, 20.8037, 15.2542 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 15.5180, 20.8037, 15.2542

Background



This preview shows how black text looks on a background with the XYZ color 15.5180, 20.8037, 15.2542.



This preview shows how white text looks on a background with the XYZ color 15.5180, 20.8037,

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

15.5180, 20.8037, 15.2542

Protanopia

19.2307, 20.5618, 13.7817

Deuteranopia

20.9626, 20.6738, 15.7175



Tritanopia

18.1795, 20.8650, 28.2685

Trichromacy



Original Color

15.5180, 20.8037, 15.2542

Protanomaly

17.6157, 20.4855, 14.3349

Deuteranomaly

18.4633, 20.3166, 15.5188

Tritanomaly

17.0832, 20.8228, 22.8575

Monochromacy



Original Color

15.5180, 20.8037, 15.2542

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.5649, 19.0883, 18.1406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5180, 20.8037, 15.2542 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(92, 136, 100)` looks like.

```
.text, #text, p{  
    color:rgb(92, 136, 100)  
}
```

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(92, 136, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 136, 100) }
```

Border

The CSS property to change the border of an element to XYZ 15.5180, 20.8037, 15.2542 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(92, 136, 100) }
```


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

```
.border{ border-color:rgb(92, 136, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 136, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 136, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 136, 100);  
box-shadow:4px 4px 4px 4px rgb(92, 136,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5180, 20.8037, 15.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 136, 100) }
```

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

```
.background{ background-color: rgb(92, 136,  
100) }
```

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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