

Converting Colors

XYZ(15.1776, 20.6226, 15.4925)

Have a look what the booklet for
XYZ(15.1776, 20.6226, 15.4925)
contains.

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Color

**XYZ(15.1776, 20.6226,
15.4925)**

Conversions

Conversions Part 1

Format	Color
Hex	588865
RGB	88, 136, 101
RGB Percent	35%, 53%, 40%
CMY	0.6549, 0.4667, 0.6039
CMYK	0.35, 0.00, 0.26, 0.47
HSL	136°, 21%, 44%
HSV	136°, 35%, 53%
XYZ	15.1776, 20.6226, 15.4925
YIQ	117.6580, -17.3730, -21.0610

Conversions

Conversions Part 2

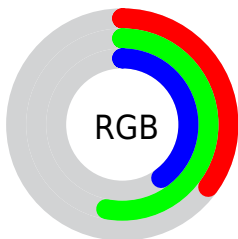
Format	Color
R_{YB}	88, 126, 136
Decimal	5802085
CIE _{Lab}	52.53, -24.14, 13.75
CIE _{LCh}	53, 27.782, 150.336
Yxy	20.6226, 0.2959, 0.4021
Android (android.graphics.Color)	4283992165 (0xFF588865)
YUV	117.6580, -8.2124, -26.0101
Hunter-Lab	45.4121, -19.8131, 11.5615

Details

The XYZ color **15.1776, 20.6226, 15.4925** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.2189, 13.6442, 20.4657**, and the grayscale version is **17.1421, 18.0349, 19.6400**.

A 20% lighter version of the original color is **34.8962, 44.6694, 36.4886**, and **4.8303, 7.3533, 4.6548** is the 20% darker color. If you saturate the color by 10%, you get **13.5515, 19.8377, 13.0314**, and if you desaturate by 10%, it is **17.1037, 21.5565, 18.2746**.

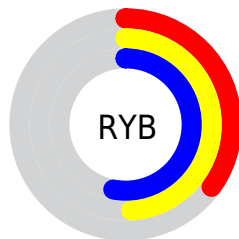
Distribution



Red (35%)

Green (53%)

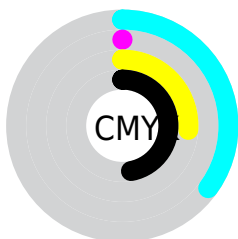
Blue (40%)



Red (35%)

Yellow (49%)

Blue (53%)

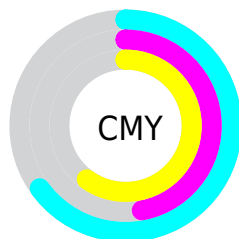


Cyan (35%)

Magenta (0%)

Yellow (26%)

Black (47%)



Cyan (65%)

Magenta (47%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1776, 20.6226, 15.4925 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 15.1776, 20.6226, 15.4925 by changing the saturation by 10% instead.

■ 15.1776, 20.6226,
15.4925

■ 15.1776, 20.6226,
15.4925

217.8058,
255.2660, 238.0707

■ 9.0313, 12.8484,
9.0153

■ 34.7335, 44.4586,
36.4693

■ 4.8188, 7.3242,
4.6542

■ 48.8739, 61.2892,
51.8061

■ 2.1750, 3.6657,
1.9907

■ 66.4095, 81.9074,
70.9330

■ 0.7295, 1.4884,
0.5495

■ 87.7059, 106.6975,
94.2688

■ 0.0000, 0.2805,
0.0000

■ 113.1284,
136.0441, 122.2319

■ 0.0000, 0.0000,
0.0000

143.0423,

170.3314, 155.2409

177.8130,
209.9439, 193.7143

■ 15.1776, 20.6226,
15.4925

■ 15.1776, 20.6226,
15.4925

■ 13.5515, 19.8377,
13.0314

■ 17.1037, 21.5565,
18.2746

■ 12.2082, 19.1915,
10.8784

■ 19.3424, 22.6440,
21.3874

■ 11.1315, 18.6764,
9.0217


■ 21.9076, 23.8927,
24.8418

■ 10.3024, 18.2830,
7.4481


■ 24.8121, 25.3087,
28.6476


■ 9.6998, 18.0005,
6.1436


■ 28.0676, 26.8982,
32.8146


 9.2937, 17.8140,
5.0924

 31.6855, 28.6666,
37.3519

 9.1359, 17.7416,
4.6796

 35.6767, 30.6195,
42.2684

 40.0515, 32.7619,
47.5727

 44.8199, 35.0988,
53.2730

Harmonies

Analogous

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



16.9385, 20.6226, 11.3709



15.1776, 20.6226, 15.4925



14.5747, 20.6226, 22.5475

Triad

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



15.1776, 20.6226, 15.4925



19.6336, 20.6226, 42.3086



24.7723, 20.6226, 15.3673

Complementary

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



15.1776, 20.6226, 15.4925



17.2189, 13.6442, 20.4657

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.



25.6679, 20.6226, 22.3618



15.1776, 20.6226, 15.4925



22.5292, 20.6226, 39.0862

Square

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



15.1776, 20.6226, 15.4925



16.9895, 20.6226, 39.2207



24.8102, 20.6226, 31.2408



22.4676, 20.6226, 11.3120

Rectangle

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



15.1776, 20.6226, 15.4925



14.8593, 20.6226, 28.4208



24.8102, 20.6226, 31.2408



25.2576, 20.6226, 17.3877

Sweetspot

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



15.1781, 20.6235, 15.4930



35.8485, 40.7614, 40.0849



18.7634, 22.5396, 12.5943



8.1836, 9.3822, 9.1229



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.



15.1781, 20.6235, 15.4930



24.5177, 35.2656, 23.9482



16.5182, 21.1595, 22.5495



5.0239, 5.6290, 5.6468



8.6500, 16.7926, 4.4474



0.0629, 0.1137, 0.0583

Inverse Universe

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



17.2189, 13.6442, 20.4657



28.6449, 21.1352, 33.9938



15.9054, 13.1188, 13.5488



5.1770, 5.1062, 6.0206



11.7530, 5.8113, 11.7354



0.0842, 0.0411, 0.1103

Previews

White Background



This preview shows how the XYZ color 15.1776, 20.6226, 15.4925 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 15.1776, 20.6226, 15.4925 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 15.1776, 20.6226, 15.4925

Background



This preview shows how black text looks on a background with the XYZ color 15.1776, 20.6226, 15.4925.



This preview shows how white text looks on a background with the XYZ color 15.1776, 20.6226,

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

15.1776, 20.6226, 15.4925

Protanopia

19.1178, 20.4983, 14.0153

Deuteranopia

20.7168, 20.3617, 15.9350



Tritanopia

17.7479, 20.6425, 28.2483

Trichromacy



Original Color

15.1776, 20.6226, 15.4925

Protanomaly

17.3910, 20.3643, 14.5694

Deuteranomaly

18.2212, 20.1861, 15.7679

Tritanomaly

16.6676, 20.6086, 22.8380

Monochromacy



Original Color

15.1776, 20.6226, 15.4925

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.3217, 18.9629, 18.1292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1776, 20.6226, 15.4925 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(88, 136, 101)` looks like.

```
.text, #text, p{  
    color:rgb(88, 136, 101)  
}
```

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(88, 136, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 136, 101) }
```

Border

The CSS property to change the border of an element to XYZ 15.1776, 20.6226, 15.4925 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(88, 136, 101) }
```


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

```
.border{ border-color:rgb(88, 136, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 136, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 136, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 136, 101);  
box-shadow:4px 4px 4px 4px rgb(88, 136,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1776, 20.6226, 15.4925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 136, 101) }
```

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

```
.background{ background-color: rgb(88, 136,  
101) }
```

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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