

Converting Colors

XYZ(15.0945, 15.8548, 15.3191)

Have a look what the booklet for
XYZ(15.0945, 15.8548, 15.3191)
contains.

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Color

**XYZ(15.1226, 15.9458,
15.3775)**

Conversions

Conversions Part 1

Format	Color
Hex	726F68
RGB	114, 111, 104
RGB Percent	45%, 44%, 41%
CMY	0.5529, 0.5647, 0.5922
CMYK	0.00, 0.03, 0.09, 0.55
HSL	42°, 5%, 43%
HSV	42°, 9%, 45%
XYZ	15.1226, 15.9458, 15.3775
YIQ	111.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

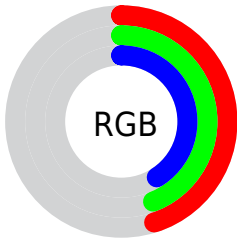
Format	Color
R_{YB}	108, 114, 104
Decimal	7499624
CIE _{Lab}	46.90, -0.20, 4.30
CIE _{LCh}	47, 4.306, 92.654
Yxy	15.9458, 0.3256, 0.3433
Android (android.graphics.Color)	4285689704 (0xFF726F68)
YUV	111.0990, -3.4998, 2.5442
Hunter-Lab	39.9322, -2.2821, 5.1205

Details

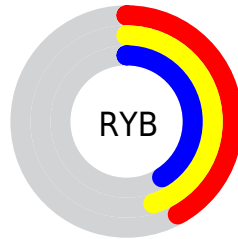
The XYZ color **15.1226, 15.9458, 15.3775** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0039, 14.6731, 18.0139**, and the grayscale version is **15.1476, 15.9364, 17.3548**.

A 20% lighter version of the original color is **34.7395, 36.6679, 36.2570**, and **4.7628, 5.0087, 4.5866** is the 20% darker color. If you saturate the color by 10%, you get **14.2166, 14.9986, 12.4092**, and if you desaturate by 10%, it is **16.1220, 16.9542, 18.7637**.

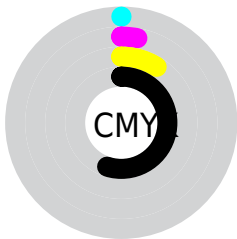
Distribution



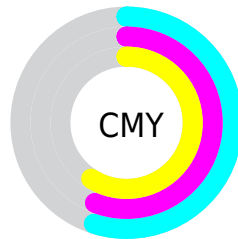
- Red (45%)
- Green (44%)
- Blue (41%)



- Red (42%)
- Yellow (45%)
- Blue (41%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (55%)



- Cyan (55%)
- Magenta (56%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1226, 15.9458, 15.3775 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 15.1226, 15.9458, 15.3775 by changing the saturation by 10% instead.

■ 15.1226, 15.9458,
15.3775

■ 15.1226, 15.9458,
15.3775

217.4808,
229.0217, 237.3589

■ 8.9924, 9.4858,
8.9352

■ 34.6380, 36.5041,
36.2657

■ 4.7933, 5.0594,
4.6027

■ 48.7539, 51.3712,
51.5487

■ 2.1600, 2.2822,
1.9615

■ 66.2623, 69.8094,
70.6156

■ 0.7215, 0.7642,
0.5314

■ 87.5287, 92.2032,
93.8851

■ 0.0000, 0.0000,
0.0000

112.9184,
118.9369, 121.7756

142.7967,

150.3950, 154.7057

177.5291,
186.9618, 193.0939

■ 15.1226, 15.9458,
15.3775

■ 15.1226, 15.9458,
15.3775

■ 14.2166, 14.9986,
12.4092

■ 16.1220, 16.9542,
18.7637

■ 13.3995, 14.1091,
9.8412

■ 17.2167, 18.0233,
22.5822

■ 12.6682, 13.2761,
7.6563

■ 18.4100, 19.1552,
26.8482

■ 12.0190, 12.4981,
5.8355

■ 19.7048, 20.3512,
31.5757

■ 11.4478, 11.7731,
4.3584

■ 21.1036, 21.6127,
36.7782

■ 10.9502, 11.0990,
3.2024

■ 22.6092, 22.9409,
42.4685

■ 10.5212, 10.4737,
2.3422

■ 24.2240, 24.3370,
48.6591

■ 10.1551, 9.8945,
1.7486

■ 25.9504, 25.8022,
55.3619

■ 9.8339, 9.3539,
1.3274

■ 27.7908, 27.3378,
62.5884

Harmonies

Analogous

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



15.4901, 15.9458, 15.5895



15.1226, 15.9458, 15.3775



14.7698, 15.9458, 15.6788

Triad

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



15.1226, 15.9458, 15.3775



14.5562, 15.9458, 18.5020



15.8064, 15.9458, 18.3296

Complementary

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



15.1226, 15.9458, 15.3775



14.0039, 14.6731, 18.0139

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.



15.5489, 15.9458, 19.1621



15.1226, 15.9458, 15.3775



14.8267, 15.9458, 19.2645

Square

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



15.1226, 15.9458, 15.3775



14.4461, 15.9458, 17.4582



15.1895, 15.9458, 19.5109



15.8888, 15.9458, 17.2667

Rectangle

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



15.1226, 15.9458, 15.3775



14.5892, 15.9458, 16.1378



15.1895, 15.9458, 19.5109



15.7373, 15.9458, 18.6471

Sweetspot

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



15.1230, 15.9465, 15.3778



27.5547, 29.0177, 30.3196



14.5438, 14.5398, 15.9501



6.3440, 6.6821, 6.9153



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



15.1230, 15.9465, 15.3778



26.1602, 27.5942, 25.6451



15.1983, 16.4791, 15.4767



3.5616, 3.7556, 3.6105



10.8892, 10.3108, 1.4163



53.4633, 49.8017, 6.7949

Inverse Universe

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



14.0039, 14.6731, 18.0139



23.6714, 24.7626, 31.5075



13.9317, 14.1799, 17.9226



3.2916, 3.4485, 4.2464



4.0098, 2.6098, 18.0140



19.3014, 11.6547, 89.5114

Previews

White Background



This preview shows how the XYZ color 15.1226, 15.9458, 15.3775 looks on a white 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

Black Background



This preview shows how the XYZ color 15.1226, 15.9458, 15.3775 looks on a black 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

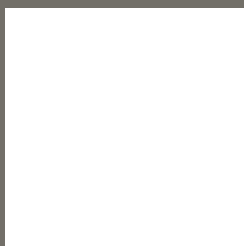
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1226, 15.9458, 15.3775

Background



This preview shows how black text looks on a background with the XYZ color 15.1226, 15.9458, 15.3775.



This preview shows how white text looks on a background with the XYZ color 15.1226, 15.9458,

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

15.1226, 15.9458, 15.3775

Protanopia

15.2534, 16.0132, 15.3836

Deuteranopia

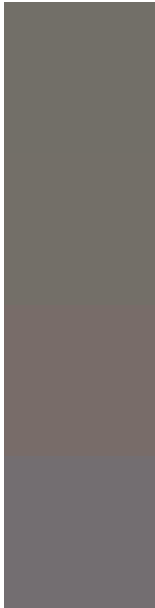
16.1197, 15.8204, 15.5686



Tritanopia

15.9411, 15.9583, 19.3796

Trichromacy



Original Color

15.1226, 15.9458, 15.3775

Protanomaly

15.2534, 16.0132, 15.3836

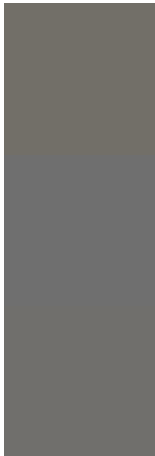
Deuteranomaly

15.6581, 15.7381, 15.5771

Tritanomaly

15.6268, 15.9890, 17.8853

Monochromacy



Original Color

15.1226, 15.9458, 15.3775

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0733, 15.8963, 16.4612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1226, 15.9458, 15.3775 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(114, 111, 104)` looks like.

```
.text, #text, p{  
    color:rgb(114, 111, 104)  
}
```

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(114, 111, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 111, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.1226, 15.9458, 15.3775 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(114, 111, 104) }
```


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

```
.border{ border-color:rgb(114, 111, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 111, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 111, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 111, 104);  
box-shadow:4px 4px 4px 4px rgb(114, 111,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1226, 15.9458, 15.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 111, 104) }
```

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

```
.background{ background-color: rgb(114,  
111, 104) }
```

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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