

Converting Colors

XYZ(14.0747, 15.1492, 14.2178)

Have a look what the booklet for
XYZ(14.0747, 15.1492, 14.2178)
contains.

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Color

**XYZ(14.0756, 15.1086,
14.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6D64
RGB	109, 109, 100
RGB Percent	43%, 43%, 39%
CMY	0.5725, 0.5725, 0.6078
CMYK	0.00, 0.00, 0.08, 0.57
HSL	60°, 4%, 41%
HSV	60°, 8%, 43%
XYZ	14.0756, 15.1086, 14.2310
YIQ	107.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

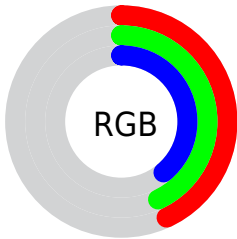
Format	Color
R_{YB}	100, 109, 100
Decimal	7171428
CIE Lab	45.78, -1.77, 5.02
CIE LCh	46, 5.327, 109.422
Yxy	15.1086, 0.3242, 0.3480
Android (android.graphics.Color)	4285361508 (0xFF6D6D64)
YUV	107.9740, -3.9312, 0.8998
Hunter-Lab	38.8698, -3.3834, 5.5016

Details

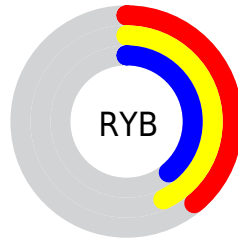
The XYZ color **14.0756, 15.1086, 14.2310** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5736, 12.9282, 16.3015**, and the grayscale version is **14.2570, 14.9995, 16.3345**.

A 20% lighter version of the original color is **32.6539, 34.8496, 34.2837**, and **4.3518, 4.7264, 4.0511** is the 20% darker color. If you saturate the color by 10%, you get **13.5828, 14.9120, 11.6358**, and if you desaturate by 10%, it is **14.6398, 15.3348, 17.1987**.

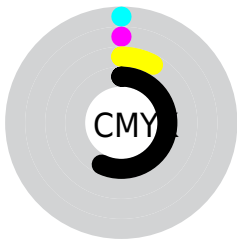
Distribution



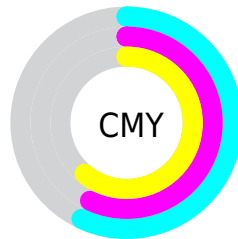
- Red (43%)
- Green (43%)
- Blue (39%)



- Red (39%)
- Yellow (43%)
- Blue (39%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (57%)



- Cyan (57%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0756, 15.1086, 14.2310 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 14.0756, 15.1086, 14.2310 by changing the saturation by 10% instead.

■ 14.0756, 15.1086,
14.2310

■ 14.0756, 15.1086,
14.2310

211.2018,
224.0226, 230.1414

■ 8.2553, 8.8956,
8.1409

■ 32.8083, 35.0436,
34.2214

■ 4.3119, 4.6732,
4.0962

■ 46.4513, 49.5344,
48.9587

■ 1.8801, 2.0568,
1.6783

■ 63.4327, 67.5533,
67.4156

■ 0.5652, 0.6402,
0.3458

■ 84.1178, 89.4846,
90.0105

■ 0.0000, 0.0000,
0.0000

108.8719,
115.7128, 117.1620

138.0604,

146.6223, 149.2886

172.0486,
182.5974, 186.8089

■ 14.0756, 15.1086,
14.2310

■ 14.0756, 15.1086,
14.2310

■ 13.5828, 14.9120,
11.6358

■ 14.6398, 15.3348,
17.1987

■ 13.1575, 14.7418,
9.3974

■ 15.2769, 15.5897,
20.5519

■ 12.7970, 14.5976,
7.5007

■ 15.9896, 15.8748,
24.3038

■ 12.4982, 14.4780,
5.9287

■ 16.7805, 16.1912,
28.4672

■ 12.2576, 14.3817,
4.6633

■ 17.6518, 16.5398,
33.0538

■ 12.0714, 14.3072,
3.6844

■ 18.6057, 16.9213,
38.0753

■ 11.9355, 14.2528,
2.9698

■ 19.6442, 17.3368,
43.5426

■ 11.8448, 14.2165,
2.4938

■ 20.7694, 17.7869,
49.4664

■ 11.7835, 14.1920,
2.1728

■ 21.9833, 18.2725,
55.8570

Harmonies

Analogous

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



14.5191, 15.1086, 14.1418



14.0756, 15.1086, 14.2310



13.7156, 15.1086, 14.8968

Triad

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



14.0756, 15.1086, 14.2310



13.8069, 15.1086, 18.3975



15.2242, 15.1086, 16.9080

Complementary

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



14.0756, 15.1086, 14.2310



12.5736, 12.9282, 16.3015

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.



15.0248, 15.1086, 18.1090



14.0756, 15.1086, 14.2310



14.2026, 15.1086, 18.9982

Square

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



14.0756, 15.1086, 14.2310



13.5627, 15.1086, 17.2851



14.6488, 15.1086, 18.8900



15.1885, 15.1086, 15.6435

Rectangle

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



14.0756, 15.1086, 14.2310



13.5685, 15.1086, 15.5983



14.6488, 15.1086, 18.8900



15.1823, 15.1086, 17.3336

Sweetspot

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



14.0760, 15.1093, 14.2313



25.8149, 27.2985, 28.6978



13.1646, 13.2860, 13.9274



6.0113, 6.3541, 6.6994



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



14.0760, 15.1093, 14.2313



25.0156, 26.9787, 24.4909



13.5366, 14.8312, 14.2061



3.3331, 3.5835, 3.3335



13.7694, 16.5936, 2.4772



70.1601, 84.5509, 12.6221

Inverse Universe

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



12.5736, 12.9282, 16.3015



21.7109, 22.1813, 29.0444



13.0851, 13.1919, 16.3254



2.9485, 3.0252, 3.8634



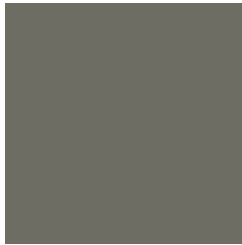
3.2289, 1.2916, 17.0014



16.4516, 6.5807, 86.6293

Previews

White Background



This preview shows how the XYZ color 14.0756, 15.1086, 14.2310 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 14.0756, 15.1086, 14.2310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

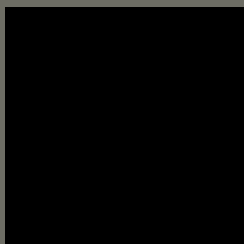
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

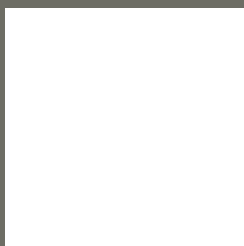
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0756, 15.1086, 14.2310

Background



This preview shows how black text looks on a background with the XYZ color 14.0756, 15.1086, 14.2310.



This preview shows how white text looks on a background with the XYZ color 14.0756, 15.1086,

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

14.0756, 15.1086, 14.2310

Protanopia

14.2968, 15.0707, 13.9598

Deuteranopia

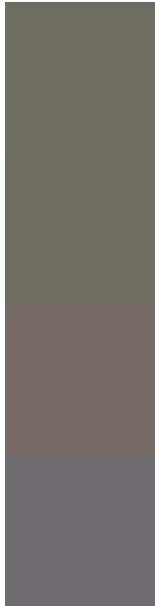
15.4266, 15.1803, 14.4289



Tritanopia

14.9078, 15.1327, 18.3548

Trichromacy



Original Color

14.0756, 15.1086, 14.2310

Protanomaly

14.1702, 15.0055, 13.9539

Deuteranomaly

14.8391, 15.0296, 14.4308

Tritanomaly

14.6074, 15.1659, 16.9093

Monochromacy



Original Color

14.0756, 15.1086, 14.2310

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.0967, 14.9332, 15.5040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0756, 15.1086, 14.2310 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(109, 109, 100)` looks like.

```
.text, #text, p{  
    color:rgb(109, 109, 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(109, 109, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 109, 100) }
```

Border

The CSS property to change the border of an element to XYZ 14.0756, 15.1086, 14.2310 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(109, 109, 100) }
```


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

```
.border{ border-color:rgb(109, 109, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 109, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 109, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 109, 100);  
box-shadow:4px 4px 4px 4px rgb(109, 109,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0756, 15.1086, 14.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 109, 100) }
```

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

```
.background{ background-color: rgb(109,  
109, 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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