

Converting Colors

XYZ(14.7309, 15.3437, 13.2086)

Have a look what the booklet for
XYZ(14.7309, 15.3437, 13.2086)
contains.

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Color

**XYZ(14.6763, 15.2827,
13.2427)**

Conversions

Conversions Part 1

Format	Color
Hex	746C60
RGB	116, 108, 96
RGB Percent	45%, 42%, 38%
CMY	0.5451, 0.5765, 0.6235
CMYK	0.00, 0.07, 0.17, 0.55
HSL	36°, 9%, 42%
HSV	36°, 17%, 45%
XYZ	14.6763, 15.2827, 13.2427
YIQ	109.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

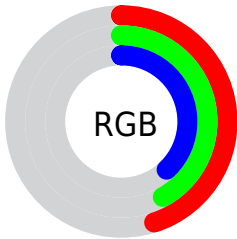
Format	Color
R_{YB}	109, 116, 96
Decimal	7629920
CIE _{Lab}	46.02, 0.92, 7.84
CIE _{LCh}	46, 7.892, 83.303
Yxy	15.2827, 0.3397, 0.3538
Android (android.graphics.Color)	4285820000 (0xFF746C60)
YUV	109.0240, -6.4208, 6.1180
Hunter-Lab	39.0931, -1.4006, 7.2808

Details

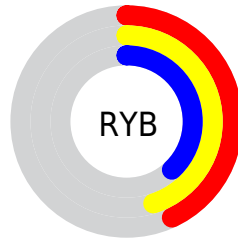
The XYZ color **14.6763, 15.2827, 13.2427** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9264, 13.6479, 18.4759**, and the grayscale version is **14.5589, 15.3171, 16.6803**.

A 20% lighter version of the original color is **33.8130, 35.2277, 32.6212**, and **4.6284, 4.7967, 3.6995** is the 20% darker color. If you saturate the color by 10%, you get **13.7051, 14.1327, 10.4757**, and if you desaturate by 10%, it is **15.7532, 16.5176, 16.4342**.

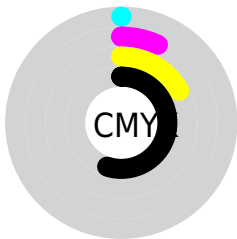
Distribution



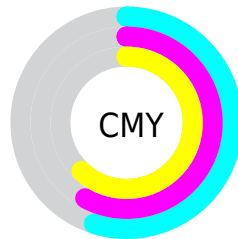
- Red (45%)
- Green (42%)
- Blue (38%)



- Red (43%)
- Yellow (45%)
- Blue (38%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6763, 15.2827, 13.2427 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 14.6763, 15.2827, 13.2427 by changing the saturation by 10% instead.

■ 14.6763, 15.2827,
13.2427

■ 14.6763, 15.2827,
13.2427

214.8260,
225.0710, 223.7295

■ 8.6774, 9.0180,
7.4632

■ 33.8606, 35.3484,
32.4367

■ 4.5868, 4.7529,
3.6706

■ 47.7768, 49.9181,
46.6882

■ 2.0391, 2.1030,
1.4464

■ 65.0626, 68.0251,
64.6009

■ 0.6558, 0.6663,
0.1775

■ 86.0836, 90.0536,
86.5932

■ 0.0000, 0.0000,
0.0000

111.2051,
116.3880, 113.0836

140.7924,

147.4128, 144.4908

175.2109,
183.5123, 181.2332

■ 14.6763, 15.2827,
13.2427

■ 14.6763, 15.2827,
13.2427

■ 13.7051, 14.1327,
10.4757

■ 15.7532, 16.5176,
16.4342

■ 12.8345, 13.0635,
8.1139

■ 16.9382, 17.8376,
20.0664

■ 12.0608, 12.0733,
6.1381

■ 18.2351, 19.2452,
24.1557

■ 11.3796, 11.1599,
4.5270

■ 19.6472, 20.7423,
28.7174

■ 10.7861, 10.3205,
3.2574

■ 21.1776, 22.3309,
33.7664

■ 10.2749, 9.5523,
2.3032

■ 22.8293, 24.0126,
39.3164

■ 9.8399, 8.8522,
1.6346

■ 24.6052, 25.7892,
45.3810

■ 9.4667, 8.2136,
1.1784

■ 26.5081, 27.6624,
51.9731

■ 9.3688, 8.0457,
1.0592

■ 28.5406, 29.6338,
59.1051

Harmonies

Analogous

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



15.3082, 15.2827, 13.8575



14.6763, 15.2827, 13.2427



14.0228, 15.2827, 13.4806

Triad

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



14.6763, 15.2827, 13.2427



13.3760, 15.2827, 18.1407



15.5819, 15.2827, 18.9405

Complementary

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



14.6763, 15.2827, 13.2427



12.9264, 13.6479, 18.4759

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.



15.0406, 15.2827, 20.2586



14.6763, 15.2827, 13.2427



13.7704, 15.2827, 19.7727

Square

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



14.6763, 15.2827, 13.2427



13.2851, 15.2827, 16.2143



14.3762, 15.2827, 20.5743



15.8413, 15.2827, 17.0737

Rectangle

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



14.6763, 15.2827, 13.2427



13.6612, 15.2827, 14.1004



14.3762, 15.2827, 20.5743



15.4261, 15.2827, 19.4681

Sweetspot

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



14.6767, 15.2834, 13.2430



28.1157, 29.5130, 30.1725



13.8841, 13.0784, 14.8894



6.6805, 7.0106, 7.1166



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.6767, 15.2834, 13.2430



25.0440, 25.9798, 21.1019



15.2961, 16.9127, 13.5249



3.8496, 4.0322, 3.9177



10.4957, 8.9925, 1.1826



50.2917, 42.1119, 5.4777

Inverse Universe

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



12.9264, 13.6479, 18.4759



21.3113, 22.4923, 32.2627



12.3724, 12.2236, 18.2302



3.6097, 3.8080, 4.6350



4.6335, 3.6067, 18.9945



21.7891, 15.9948, 92.2992

Previews

White Background



This preview shows how the XYZ color 14.6763, 15.2827, 13.2427 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 14.6763, 15.2827, 13.2427 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

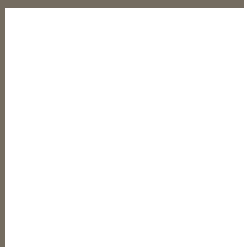
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6763, 15.2827, 13.2427

Background



This preview shows how black text looks on a background with the XYZ color 14.6763, 15.2827, 13.2427.



This preview shows how white text looks on a background with the XYZ color 14.6763, 15.2827,

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

14.6763, 15.2827, 13.2427

Protanopia

14.5194, 15.3592, 13.2657

Deuteranopia

15.5214, 15.2513, 13.4350



Tritanopia

15.5601, 15.1696, 18.0275

Trichromacy



Original Color

14.6763, 15.2827, 13.2427

Protanomaly

14.6502, 15.4266, 13.2718

Deuteranomaly

15.1969, 15.2361, 13.4492

Tritanomaly

15.1440, 15.1515, 16.0363

Monochromacy



Original Color

14.6763, 15.2827, 13.2427

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6494, 15.3815, 15.2935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6763, 15.2827, 13.2427 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(116, 108, 96)` looks like.

```
.text, #text, p{  
    color:rgb(116, 108, 96)  
}
```

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(116, 108, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 108, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.6763, 15.2827, 13.2427 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(116, 108, 96) }
```


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

```
.border{ border-color:rgb(116, 108, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 108, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 108, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 108, 96);  
box-shadow:4px 4px 4px 4px rgb(116, 108,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6763, 15.2827, 13.2427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 108, 96) }
```

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

```
.background{ background-color: rgb(116,  
108, 96) }
```

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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