

Converting Colors

XYZ(14.7627, 16.2259, 16.8778)

Have a look what the booklet for
XYZ(14.7627, 16.2259, 16.8778)
contains.

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Color

**XYZ(14.7215, 16.2029,
16.8196)**

Conversions

Conversions Part 1

Format	Color
Hex	6A726D
RGB	106, 114, 109
RGB Percent	42%, 45%, 43%
CMY	0.5843, 0.5529, 0.5725
CMYK	0.07, 0.00, 0.04, 0.55
HSL	142°, 4%, 43%
HSV	142°, 7%, 45%
XYZ	14.7215, 16.2029, 16.8196
YIQ	111.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

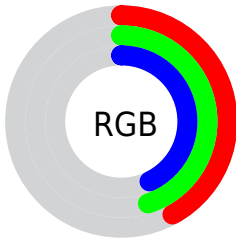
Format	Color
R_{YB}	106, 112, 114
Decimal	6976109
CIE Lab	47.24, -4.07, 1.72
CIE LCh	47, 4.415, 157.049
Yxy	16.2029, 0.3083, 0.3394
Android (android.graphics.Color)	4285166189 (0xFF6A726D)
YUV	111.0380, -1.0047, -4.4183
Hunter-Lab	40.2528, -5.1604, 3.4027

Details

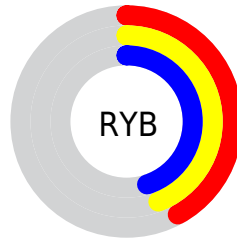
The XYZ color **14.7215, 16.2029, 16.8196** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9633, 15.0336, 17.1528**, and the grayscale version is **15.1243, 15.9119, 17.3281**.

A 20% lighter version of the original color is **33.8860, 36.9786, 38.6093**, and **4.6213, 5.1740, 5.3125** is the 20% darker color. If you saturate the color by 10%, you get **13.0876, 15.4036, 14.8213**, and if you desaturate by 10%, it is **16.5675, 17.1089, 18.9909**.

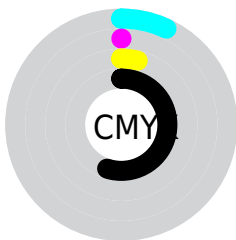
Distribution



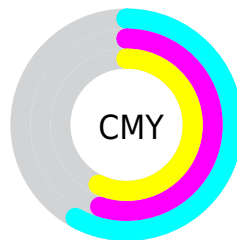
- Red (42%)
- Green (45%)
- Blue (43%)



- Red (42%)
- Yellow (44%)
- Blue (45%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)



- Cyan (58%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7215, 16.2029, 16.8196 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 14.7215, 16.2029, 16.8196 by changing the saturation by 10% instead.

■ 14.7215, 16.2029,
16.8196

■ 14.7215, 16.2029,
16.8196

215.0963,
230.5360, 246.1393

■ 8.7092, 9.6678,
9.9454

■ 33.9395, 36.9501,
38.8017

■ 4.6076, 5.1793,
5.2576

■ 47.8760, 51.9310,
54.7467

■ 2.0513, 2.3528,
2.3378

■ 65.1846, 70.4960,
74.5523

■ 0.6625, 0.8015,
0.7523

■ 86.2306, 93.0295,
98.6372

■ 0.0000, 0.0000,
0.0000

111.3794,
119.9158, 127.4197

140.9964,

151.5394, 161.3186

175.4469,
188.2847, 200.7523

■ 14.7215, 16.2029,
16.8196

■ 14.7215, 16.2029,
16.8196

■ 13.0876, 15.4036,
14.8213

■ 16.5675, 17.1089,
18.9909

■ 11.6568, 14.7050,
12.9907

■ 18.6318, 18.1232,
21.3382

■ 10.4211, 14.1036,
11.3239

■ 20.9216, 19.2501,
23.8657

■ 9.3717, 13.5949,
9.8162

■ 23.4438, 20.4929,
26.5772

■ 8.4991, 13.1741,
8.4629

■ 26.2048, 21.8550,
29.4765

■ 7.7928, 12.8359,
7.2590

■ 29.2106, 23.3392,
32.5669

■ 7.2412, 12.5745,
6.1993

■ 32.4673, 24.9488,
35.8521

■ 6.8310, 12.3830,
5.2781

■ 35.9806, 26.6865,
39.3354

■ 6.5312, 12.2456,
4.4886

■ 39.7559, 28.5551,
43.0201

Harmonies

Analogous

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



14.9539, 16.2029, 15.9864



14.7215, 16.2029, 16.8196



14.6696, 16.2029, 17.9065

Triad

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



14.7215, 16.2029, 16.8196



15.4924, 16.2029, 19.8558



16.0054, 16.2029, 16.3822

Complementary

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



14.7215, 16.2029, 16.8196



14.9633, 15.0336, 17.1528

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.



16.1551, 16.2029, 17.3805



14.7215, 16.2029, 16.8196



15.8557, 16.2029, 19.4086

Square

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



14.7215, 16.2029, 16.8196



15.1104, 16.2029, 19.6902



16.0998, 16.2029, 18.4912



15.6940, 16.2029, 15.7414

Rectangle

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



14.7215, 16.2029, 16.8196



14.7435, 16.2029, 18.6349



16.0998, 16.2029, 18.4912



16.0765, 16.2029, 16.6854

Sweetspot

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



14.7220, 16.2036, 16.8200



27.4333, 29.2398, 31.4129



15.1834, 16.4598, 16.0128



6.3566, 6.7682, 7.2791



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.



14.7220, 16.2036, 16.8200



25.5095, 28.2967, 29.1236



14.9386, 16.2902, 17.9608



3.3920, 3.7820, 3.8705



7.1708, 13.5858, 4.7204



35.3321, 67.5215, 21.4658

Inverse Universe

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



14.9633, 15.0336, 17.1528



26.0016, 25.9113, 29.8022



14.7513, 14.9488, 16.0366



3.4639, 3.4333, 3.9697



8.9920, 4.4892, 7.0340



44.3652, 22.1914, 32.7851

Previews

White Background



This preview shows how the XYZ color 14.7215, 16.2029, 16.8196 looks on a white background.

Color Contrast Check

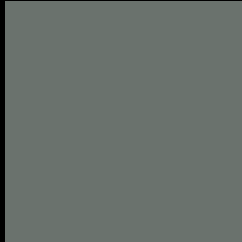
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7215, 16.2029, 16.8196 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

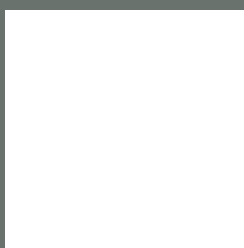
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7215, 16.2029, 16.8196

Background



This preview shows how black text looks on a background with the XYZ color 14.7215, 16.2029, 16.8196.



This preview shows how white text looks on a background with the XYZ color 14.7215, 16.2029,

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

14.7215, 16.2029, 16.8196

Protanopia

15.4614, 16.0964, 16.4794

Deuteranopia

16.3454, 16.0619, 16.9906



Tritanopia

15.4297, 16.1570, 20.3945

Trichromacy



Original Color

14.7215, 16.2029, 16.8196

Protanomaly

15.1830, 16.1158, 16.4978

Deuteranomaly

15.7265, 16.0596, 17.0228

Tritanomaly

15.1794, 16.2204, 19.1604

Monochromacy



Original Color

14.7215, 16.2029, 16.8196

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9153, 15.9653, 17.0473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7215, 16.2029, 16.8196 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(106, 114, 109)` looks like.

```
.text, #text, p{  
    color:rgb(106, 114, 109)  
}
```

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(106, 114, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 114, 109) }
```

Border

The CSS property to change the border of an element to XYZ 14.7215, 16.2029, 16.8196 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(106, 114, 109) }
```


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

```
.border{ border-color:rgb(106, 114, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 114, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 114, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 114, 109); box-shadow:4px 4px 4px 4px rgb(106, 114, 109) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7215, 16.2029, 16.8196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 114, 109) }
```

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

```
.background{ background-color: rgb(106,  
114, 109) }
```

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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