

Converting Colors

XYZ(13.9409, 15.8195, 13.1330)

Have a look what the booklet for
XYZ(13.9409, 15.8195, 13.1330)
contains.

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Color

**XYZ(14.0267, 15.9250,
13.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	6A725F
RGB	106, 114, 95
RGB Percent	42%, 45%, 37%
CMY	0.5843, 0.5529, 0.6274
CMYK	0.07, 0.00, 0.17, 0.55
HSL	85°, 9%, 41%
HSV	85°, 17%, 45%
XYZ	14.0267, 15.9250, 13.1610
YIQ	109.4420, 1.3310, -7.6050

Conversions

Conversions Part 2

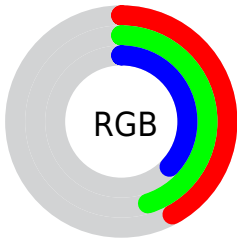
Format	Color
R_{YB}	95, 114, 103
Decimal	6976095
CIE Lab	46.88, -6.79, 9.52
CIE LCh	47, 11.694, 125.502
Yxy	15.9250, 0.3253, 0.3694
Android (android.graphics.Color)	4285166175 (0xFF6A725F)
YUV	109.4420, -7.1199, -3.0186
Hunter-Lab	39.9061, -7.0944, 8.3805

Details

The XYZ color **14.0267, 15.9250, 13.1610** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7236, 12.2833, 17.6207**, and the grayscale version is **14.6812, 15.4458, 16.8204**.

A 20% lighter version of the original color is **32.6517, 36.4849, 32.1094**, and **4.3062, 5.0480, 3.6531** is the 20% darker color. If you saturate the color by 10%, you get **12.9914, 15.4473, 10.6026**, and if you desaturate by 10%, it is **15.1707, 16.4509, 16.1211**.

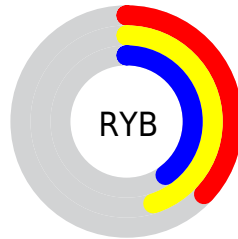
Distribution



Red (42%)

Green (45%)

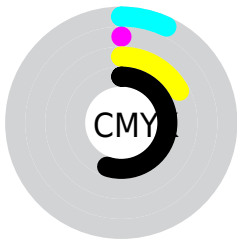
Blue (37%)



Red (37%)

Yellow (45%)

Blue (40%)

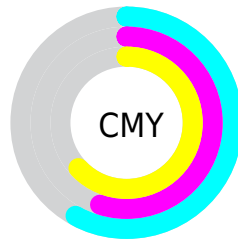


Cyan (7%)

Magenta (0%)

Yellow (17%)

Black (55%)



Cyan (58%)

Magenta (55%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0267, 15.9250, 13.1610 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 14.0267, 15.9250, 13.1610 by changing the saturation by 10% instead.

■ 14.0267, 15.9250,
13.1610

■ 14.0267, 15.9250,
13.1610

210.9042,
228.8988, 223.1909

■ 8.2211, 9.4711,
7.4075

■ 32.7223, 36.4680,
32.2881

■ 4.2897, 5.0497,
3.6359

■ 46.3429, 51.3258,
46.4988

■ 1.8673, 2.2765,
1.4278

■ 63.2993, 69.7537,
64.3657

■ 0.5577, 0.7612,
0.1633

■ 83.9567, 92.1362,
86.3072

■ 0.0000, 0.0000,
0.0000

108.6805,
118.8575, 112.7419

137.8361,

150.3021, 144.0884

171.7889,
186.8544, 180.7652

■ 14.0267, 15.9250,
13.1610

■ 14.0267, 15.9250,
13.1610

■ 12.9914, 15.4473,
10.6026

■ 15.1707, 16.4509,
16.1211

■ 12.0597, 15.0142,
8.4276

■ 16.4256, 17.0244,
19.4981

■ 11.2280, 14.6246,
6.6178

■ 17.7953, 17.6476,
23.3077

■ 10.4919, 14.2768,
5.1529

■ 19.2832, 18.3219,
27.5645

■ 9.8467, 13.9688,
4.0110

■ 20.8922, 19.0486,
32.2824

■ 9.2871, 13.6984,
3.1673

■ 22.6253, 19.8290,
37.4746

■ 8.8071, 13.4632,
2.5939

■ 24.4855, 20.6641,
43.1541

■ 8.3939, 13.2579,
2.2257

■ 26.4754, 21.5553,
49.3329

■ 8.2638, 13.1932,
2.1110

■ 28.5978, 22.5036,
56.0229

Harmonies

Analogous

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



14.9492, 15.9250, 12.3325



14.0267, 15.9250, 13.1610



13.4224, 15.9250, 15.1154

Triad

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



14.0267, 15.9250, 13.1610



14.3383, 15.9250, 22.9632



17.1714, 15.9250, 16.8071

Complementary

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



14.0267, 15.9250, 13.1610



12.7236, 12.2833, 17.6207

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.



16.9900, 15.9250, 19.7720



14.0267, 15.9250, 13.1610



15.3249, 15.9250, 23.5461

Square

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



14.0267, 15.9250, 13.1610



13.5966, 15.9250, 20.8066



16.3028, 15.9250, 22.3205



16.7879, 15.9250, 14.2809

Rectangle

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



14.0267, 15.9250, 13.1610



13.2658, 15.9250, 16.9033



16.3028, 15.9250, 22.3205



17.1747, 15.9250, 17.7834

Sweetspot

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



14.0271, 15.9257, 13.1613



26.9845, 29.0571, 29.1930



13.8475, 14.0881, 12.8161



6.2142, 6.7078, 6.6813



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.



14.0271, 15.9257, 13.1613



23.9263, 27.6518, 21.3157



12.9688, 15.3801, 13.1118



3.5126, 3.8496, 3.6312



9.1795, 14.6759, 2.3489



44.7269, 72.5916, 11.6542

Inverse Universe

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



12.7236, 12.2833, 17.6207



21.1792, 19.9749, 30.7148



13.8653, 12.8719, 17.6742



3.3384, 3.3627, 4.2273



4.7199, 2.0426, 17.8671



22.5712, 9.6902, 88.9599

Previews

White Background



This preview shows how the XYZ color 14.0267, 15.9250, 13.1610 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 14.0267, 15.9250, 13.1610 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 14.0267, 15.9250, 13.1610

Background



This preview shows how black text looks on a background with the XYZ color 14.0267, 15.9250, 13.1610.



This preview shows how white text looks on a background with the XYZ color 14.0267, 15.9250,

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

14.0267, 15.9250, 13.1610

Protanopia

14.9963, 15.9411, 12.6425

Deuteranopia

16.1214, 15.8719, 13.2802



Tritanopia

15.4446, 16.0158, 19.7301

Trichromacy



Original Color

14.0267, 15.9250, 13.1610

Protanomaly

14.6246, 15.9072, 12.8893

Deuteranomaly

15.2950, 15.9183, 13.3327

Tritanomaly

14.9153, 15.9653, 17.0473

Monochromacy



Original Color

14.0267, 15.9250, 13.1610

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.3675, 15.5565, 15.3422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0267, 15.9250, 13.1610 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, 95)` looks like.

```
.text, #text, p{  
    color:rgb(106, 114, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 114, 95) }
```

Border

The CSS property to change the border of an element to XYZ 14.0267, 15.9250, 13.1610 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, 95) }
```


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

```
.border{ border-color:rgb(106, 114, 95) }
```

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, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 114, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 114, 95);  
box-shadow:4px 4px 4px 4px rgb(106, 114,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0267, 15.9250, 13.1610 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, 95) }
```

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

```
.background{ background-color: rgb(106,  
114, 95) }
```

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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