

Converting Colors

XYZ(13.0961, 14.5015, 13.7859)

Have a look what the booklet for
XYZ(13.0961, 14.5015, 13.7859)
contains.

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Color

**XYZ(13.0467, 14.4317,
13.6532)**

Conversions

Conversions Part 1

Format	Color
Hex	666C62
RGB	102, 108, 98
RGB Percent	40%, 42%, 38%
CMY	0.6000, 0.5765, 0.6157
CMYK	0.06, 0.00, 0.09, 0.58
HSL	96°, 5%, 40%
HSV	96°, 9%, 42%
XYZ	13.0467, 14.4317, 13.6532
YIQ	105.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

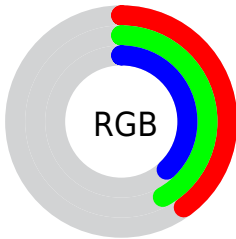
Format	Color
R _{YB}	98, 108, 104
Decimal	6712418
CIE Lab	44.85, -4.34, 4.80
CIE LCh	45, 6.474, 132.127
Yxy	14.4317, 0.3172, 0.3509
Android (android.graphics.Color)	4284902498 (0xFF666C62)
YUV	105.0660, -3.4835, -2.6889
Hunter-Lab	37.9891, -5.1781, 5.2836

Details

The XYZ color **13.0467, 14.4317, 13.6532** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7837, 12.7614, 15.9774**, and the grayscale version is **13.4547, 14.1554, 15.4152**.

A 20% lighter version of the original color is **30.9598, 33.7385, 33.3142**, and **3.8641, 4.3976, 3.8940** is the 20% darker color. If you saturate the color by 10%, you get **11.8650, 13.8779, 11.1132**, and if you desaturate by 10%, it is **14.3555, 15.0439, 16.5590**.

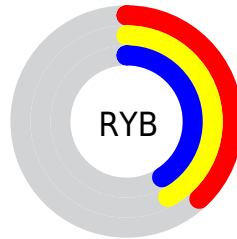
Distribution



Red (40%)

Green (42%)

Blue (38%)



Red (38%)

Yellow (42%)

Blue (41%)

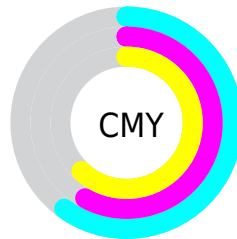


Cyan (6%)

Magenta (0%)

Yellow (9%)

Black (58%)



Cyan (60%)

Magenta (58%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0467, 14.4317, 13.6532 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 13.0467, 14.4317, 13.6532 by changing the saturation by 10% instead.

■ 13.0467, 14.4317,
13.6532

■ 13.0467, 14.4317,
13.6532

204.8483,
219.9002, 226.4155

■ 7.5379, 8.4215,
7.7439

■ 30.9883, 33.8531,
33.1806

■ 3.8500, 4.3658,
3.8461

■ 44.1518, 48.0331,
47.6358

■ 1.6176, 1.8802,
1.5413

■ 60.5976, 65.7051,
65.7767

■ 0.4039, 0.5365,
0.2484

■ 80.6910, 87.2536,
88.0218

■ 0.0000, 0.0000,
0.0000

104.7974,
113.0630, 114.7897

133.2822,

143.5176, 146.4989

166.5107,
179.0019, 183.5680

■ 13.0467, 14.4317,
13.6532

■ 13.0467, 14.4317,
13.6532

■ 11.8650, 13.8779,
11.1132

■ 14.3555, 15.0439,
16.5590

■ 10.8051, 13.3789,
8.9236

■ 15.7940, 15.7142,
19.8434

■ 9.8631, 12.9334,
7.0692

■ 17.3662, 16.4450,
23.5195

■ 9.0346, 12.5394,
5.5335

■ 19.0758, 17.2378,
27.5999

■ 8.3146, 12.1948,
4.2984

■ 20.9261, 18.0940,
32.0961

■ 7.6978, 11.8973,
3.3442

■ 22.9203, 19.0152,
37.0197

■ 7.1785, 11.6444,
2.6487

■ 25.0616, 20.0026,
42.3814

■ 6.7501, 11.4334,
2.1862

■ 27.3530, 21.0577,
48.1918

■ 6.3923, 11.2558,
1.8586

■ 29.7976, 22.1816,
54.4610

Harmonies

Analogous

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



13.5046, 14.4317, 13.0374



13.0467, 14.4317, 13.6532



12.7726, 14.4317, 14.8376

Triad

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



13.0467, 14.4317, 13.6532



13.4075, 14.4317, 18.6484



14.7342, 14.4317, 15.1103

Complementary

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



13.0467, 14.4317, 13.6532



12.7837, 12.7614, 15.9774

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.



14.7066, 14.4317, 16.6236



13.0467, 14.4317, 13.6532



13.9314, 14.4317, 18.7332

Square

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



13.0467, 14.4317, 13.6532



12.9772, 14.4317, 17.7471



14.4097, 14.4317, 17.9717



14.4842, 14.4317, 13.8418

Rectangle

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



13.0467, 14.4317, 13.6532



12.7266, 14.4317, 15.8219



14.4097, 14.4317, 17.9717



14.7573, 14.4317, 15.6059

Sweetspot

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



13.0471, 14.4323, 13.6535



24.2975, 25.9880, 27.0440



13.3230, 13.9376, 13.5435



5.8421, 6.2720, 6.4590



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.



13.0471, 14.4323, 13.6535



22.4641, 25.1302, 23.0093



12.6441, 14.2200, 13.8412



3.1679, 3.4984, 3.3257



7.5650, 13.3951, 2.1868



37.6207, 67.7763, 11.0993

Inverse Universe

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



12.7837, 12.7614, 15.9774



21.9073, 21.5980, 27.9219



13.2151, 12.9889, 15.7671



3.1062, 3.1065, 3.8708



5.7817, 2.6076, 17.1208



28.4613, 12.7720, 87.1914

Previews

White Background



This preview shows how the XYZ color 13.0467, 14.4317, 13.6532 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 13.0467, 14.4317, 13.6532 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

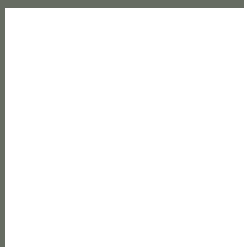
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.0467, 14.4317, 13.6532

Background



This preview shows how black text looks on a background with the XYZ color 13.0467, 14.4317, 13.6532.



This preview shows how white text looks on a background with the XYZ color 13.0467, 14.4317,

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

13.0467, 14.4317, 13.6532

Protanopia

13.7421, 14.4861, 13.3811

Deuteranopia

14.6113, 14.3255, 13.7994



Tritanopia

13.9002, 14.4660, 17.9792

Trichromacy



Original Color

13.0467, 14.4317, 13.6532

Protanomaly

13.4788, 14.5043, 13.3985

Deuteranomaly

14.0125, 14.3122, 13.8284

Tritanomaly

13.5580, 14.4817, 16.2680

Monochromacy



Original Color

13.0467, 14.4317, 13.6532

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.2612, 14.2104, 14.6143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0467, 14.4317, 13.6532 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(102, 108, 98)` looks like.

```
.text, #text, p{  
    color:rgb(102, 108, 98)  
}
```

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(102, 108, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 108, 98) }
```

Border

The CSS property to change the border of an element to XYZ 13.0467, 14.4317, 13.6532 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(102, 108, 98) }
```


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

```
.border{ border-color:rgb(102, 108, 98) }
```

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

Here you see how a box with a 4 pixel rgb(102, 108, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 108, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 108, 98);  
box-shadow:4px 4px 4px 4px rgb(102, 108,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0467, 14.4317, 13.6532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 108, 98) }
```

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

```
.background{ background-color: rgb(102,  
108, 98) }
```

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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