

Converting Colors

XYZ(13.3591, 14.4388, 13.7283)

Have a look what the booklet for
XYZ(13.3591, 14.4388, 13.7283)
contains.

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Color

**XYZ(13.2880, 14.4005,
13.6345)**

Conversions

Conversions Part 1

Format	Color
Hex	696B62
RGB	105, 107, 98
RGB Percent	41%, 42%, 38%
CMY	0.5882, 0.5804, 0.6157
CMYK	0.02, 0.00, 0.08, 0.58
HSL	73°, 4%, 40%
HSV	73°, 8%, 42%
XYZ	13.2880, 14.4005, 13.6345
YIQ	105.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

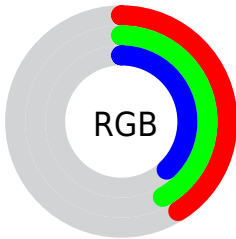
Format	Color
R_{YB}	98, 107, 100
Decimal	6908770
CIE Lab	44.80, -2.57, 4.77
CIE LCh	45, 5.421, 118.337
Yxy	14.4005, 0.3216, 0.3485
Android (android.graphics.Color)	4285098850 (0xFF696B62)
YUV	105.3760, -3.6364, -0.3298
Hunter-Lab	37.9480, -3.9048, 5.2610

Details

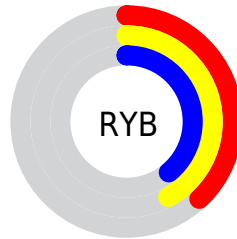
The XYZ color **13.2880, 14.4005, 13.6345** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2776, 12.5066, 15.6776**, and the grayscale version is **13.5389, 14.2439, 15.5117**.

A 20% lighter version of the original color is **31.3620, 33.6916, 33.2839**, and **3.9806, 4.3792, 3.8843** is the 20% darker color. If you saturate the color by 10%, you get **12.5407, 14.0702, 11.1362**, and if you desaturate by 10%, it is **14.1115, 14.7631, 16.4896**.

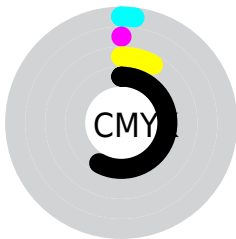
Distribution



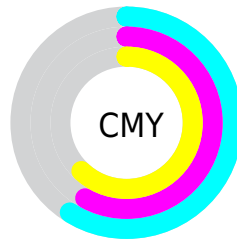
- Red (41%)
- Green (42%)
- Blue (38%)



- Red (38%)
- Yellow (42%)
- Blue (39%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)



- Cyan (59%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2880, 14.4005, 13.6345 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 13.2880, 14.4005, 13.6345 by changing the saturation by 10% instead.

■ 13.2880, 14.4005,
13.6345

■ 13.2880, 14.4005,
13.6345

206.3558,
219.7083, 226.2938

■ 7.7055, 8.3997,
7.7311

■ 31.4172, 33.7980,
33.1468

■ 3.9573, 4.3518,
3.8381

■ 44.6946, 47.9635,
47.5928

■ 1.6780, 1.8722,
1.5369

■ 61.2676, 65.6194,
65.7233

■ 0.4425, 0.5316,
0.2452

■ 81.5018, 87.1501,
87.9570

■ 0.0000, 0.0000,
0.0000

105.7623,
112.9399, 114.7124

134.4145,

143.3733, 146.4079

167.8239,
178.8346, 183.4622

■ 13.2880, 14.4005,
13.6345

■ 13.2880, 14.4005,
13.6345

■ 12.5407, 14.0702,
11.1362

■ 14.1115, 14.7631,
16.4896

■ 11.8656, 13.7692,
8.9798

■ 15.0126, 15.1572,
19.7138

■ 11.2604, 13.4971,
7.1505

■ 15.9941, 15.5844,
23.3200

■ 10.7218, 13.2524,
5.6325

■ 17.0583, 16.0456,
27.3202

■ 10.2464, 13.0340,
4.4082

■ 18.2076, 16.5417,
31.7257

■ 9.8307, 12.8403,
3.4585

■ 19.4439, 17.0737,
36.5476

■ 9.4704, 12.6696,
2.7621

■ 20.7695, 17.6422,
41.7965

■ 9.1609, 12.5201,
2.2945

■ 22.1862, 18.2482,
47.4825

■ 8.8860, 12.3852,
1.9710

■ 23.6961, 18.8923,
53.6154

Harmonies

Analogous

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



13.7119, 14.4005, 13.3716



13.2880, 14.4005, 13.6345



12.9769, 14.4005, 14.4371

Triad

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



13.2880, 14.4005, 13.6345



13.2462, 14.4005, 17.8428



14.5540, 14.4005, 15.7504

Complementary

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



13.2880, 14.4005, 13.6345



12.2776, 12.5066, 15.6776

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.



14.4230, 14.4005, 16.9916



13.2880, 14.4005, 13.6345



13.6626, 14.4005, 18.2392

Square

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



13.2880, 14.4005, 13.6345



12.9531, 14.4005, 16.8630



14.0944, 14.4005, 17.9198



14.4486, 14.4005, 14.5531

Rectangle

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



13.2880, 14.4005, 13.6345



12.8721, 14.4005, 15.1930



14.0944, 14.4005, 17.9198



14.5361, 14.4005, 16.1766

Sweetspot

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



13.2884, 14.4011, 13.6348



24.5616, 26.1241, 27.0563



12.8209, 13.1128, 13.4108



5.9201, 6.3123, 6.4627



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.



13.2884, 14.4011, 13.6348



23.5330, 25.6709, 23.5295



12.7794, 14.1387, 13.6110



3.2706, 3.5513, 3.3305



10.7314, 15.0274, 2.3350



53.9146, 76.1761, 11.8619

Inverse Universe

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



12.2776, 12.5066, 15.6776



21.3474, 21.5743, 27.9468



12.7833, 12.7673, 15.7013



3.0056, 3.0546, 3.8661



3.6569, 1.5122, 17.0214



17.9965, 7.3771, 86.7016

Previews

White Background



This preview shows how the XYZ color 13.2880, 14.4005, 13.6345 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 13.2880, 14.4005, 13.6345 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

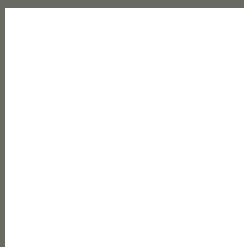
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.2880, 14.4005, 13.6345

Background



This preview shows how black text looks on a background with the XYZ color 13.2880, 14.4005, 13.6345.



This preview shows how white text looks on a background with the XYZ color 13.2880, 14.4005,

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

13.2880, 14.4005, 13.6345

Protanopia

13.7421, 14.4861, 13.3811

Deuteranopia

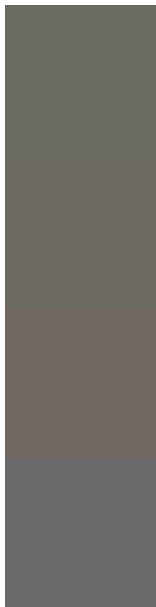
14.6113, 14.3255, 13.7994



Tritanopia

14.0956, 14.4212, 17.6634

Trichromacy



Original Color

13.2880, 14.4005, 13.6345

Protanomaly

13.4960, 14.3593, 13.3696

Deuteranomaly

14.1419, 14.3789, 13.8344

Tritanomaly

13.8047, 14.4549, 16.2499

Monochromacy



Original Color

13.2880, 14.4005, 13.6345

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.3780, 14.2706, 14.6198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2880, 14.4005, 13.6345 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(105, 107, 98)` looks like.

```
.text, #text, p{  
    color:rgb(105, 107, 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(105, 107, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 107, 98) }
```

Border

The CSS property to change the border of an element to XYZ 13.2880, 14.4005, 13.6345 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(105, 107, 98) }
```


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

```
.border{ border-color:rgb(105, 107, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 107, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 107, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 107, 98);  
box-shadow:4px 4px 4px 4px rgb(105, 107,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2880, 14.4005, 13.6345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 107, 98) }
```

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

```
.background{ background-color: rgb(105,  
107, 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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