

Converting Colors

XYZ(13.2626, 13.5471, 11.5970)

Have a look what the booklet for
XYZ(13.2626, 13.5471, 11.5970)
contains.

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Color

**XYZ(13.3092, 13.5563,
11.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	71655A
RGB	113, 101, 90
RGB Percent	44%, 40%, 35%
CMY	0.5569, 0.6039, 0.6471
CMYK	0.00, 0.11, 0.20, 0.56
HSL	29°, 11%, 40%
HSV	29°, 20%, 44%
XYZ	13.3092, 13.5563, 11.5880
YIQ	103.3340, 10.6830, -0.8770

Conversions

Conversions Part 2

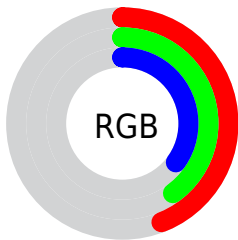
Format	Color
R_{YB}	113, 111, 90
Decimal	7431514
CIE _{Lab}	43.59, 2.79, 7.96
CIE _{LCh}	44, 8.436, 70.693
Yxy	13.5563, 0.3461, 0.3525
Android (android.graphics.Color)	4285621594 (0xFF71655A)
YUV	103.3340, -6.5737, 8.4771
Hunter-Lab	36.8189, 0.0907, 7.1129

Details

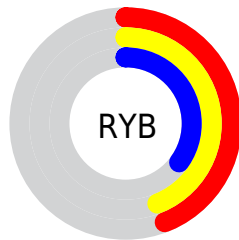
The XYZ color **13.3092, 13.5563, 11.5880** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9483, 12.8682, 17.4769**, and the grayscale version is **12.9958, 13.6726, 14.8895**.

A 20% lighter version of the original color is **31.4789, 32.3493, 29.3959**, and **3.9538, 3.9440, 2.9358** is the 20% darker color. If you saturate the color by 10%, you get **12.3125, 12.2749, 9.0605**, and if you desaturate by 10%, it is **14.4208, 14.9503, 14.5150**.

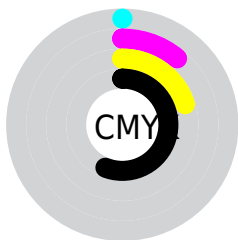
Distribution



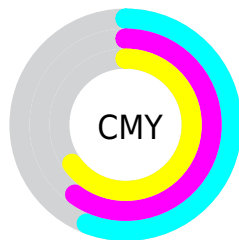
- Red (44%)
- Green (40%)
- Blue (35%)



- Red (44%)
- Yellow (44%)
- Blue (35%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (56%)



- Cyan (56%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3092, 13.5563, 11.5880 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 13.3092, 13.5563, 11.5880 by changing the saturation by 10% instead.

■ 13.3092, 13.5563,
11.5880

■ 13.3092, 13.5563,
11.5880

206.4877,
214.4528, 212.5385

■ 7.7203, 7.8127,
6.3447

■ 31.4548, 32.2996,
29.3956

■ 3.9668, 3.9753,
2.9836

■ 44.7421, 46.0682,
42.7969

■ 1.6834, 1.6598,
1.0863

■ 61.3264, 63.2805,
59.7546

■ 0.4458, 0.3974,
0.0000

■ 81.5728, 84.3211,
80.6873

■ 0.0000, 0.0000,
0.0000

105.8468,
109.5742, 106.0135

134.5137,

139.4242, 136.1518

167.9389,
174.2556, 171.5206

■ 13.3092, 13.5563,
11.5880

■ 13.3092, 13.5563,
11.5880

■ 12.3125, 12.2749,
9.0605

■ 14.4208, 14.9503,
14.5150

■ 11.4255, 11.1013,
6.9140

■ 15.6502, 16.4579,
17.8570

■ 10.6442, 10.0329,
5.1298

■ 17.0014, 18.0825,
21.6301

■ 9.9637, 9.0662,
3.6874

■ 18.4780, 19.8269,
25.8490

■ 9.3789, 8.1978,
2.5639

■ 20.0834, 21.6935,
30.5276

■ 8.8839, 7.4236,
1.7339

■ 21.8207, 23.6850,
35.6795

■ 8.4723, 6.7395,
1.1679

■ 23.6932, 25.8036,
41.3176

■ 8.1319, 6.1544,
0.7593

■ 25.7039, 28.0517,
47.4542

■ 27.8556, 30.4316,
54.1013

Harmonies

Analogous

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



13.8717, 13.5563, 12.5144



13.3092, 13.5563, 11.5880



12.6507, 13.5563, 11.4681

Triad

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



13.3092, 13.5563, 11.5880



11.6771, 13.5563, 15.4455



13.7305, 13.5563, 17.6926

Complementary

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



13.3092, 13.5563, 11.5880



11.9483, 12.8682, 17.4769

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.



13.1219, 13.5563, 18.6295



13.3092, 13.5563, 11.5880



11.9460, 13.5563, 17.2604

Square

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



13.3092, 13.5563, 11.5880



11.7234, 13.5563, 13.5907



12.4696, 13.5563, 18.4649



14.1206, 13.5563, 15.9956

Rectangle

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



13.3092, 13.5563, 11.5880



12.2476, 13.5563, 11.8494



12.4696, 13.5563, 18.4649



13.5438, 13.5563, 18.1132

Sweetspot

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



13.3096, 13.5569, 11.5883



26.7200, 27.8779, 28.4087



12.8778, 11.7878, 14.2365



6.1565, 6.4190, 6.5079



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.



13.3096, 13.5569, 11.5883



23.0429, 23.2675, 18.7240



14.4755, 15.8889, 11.9769



3.5039, 3.6403, 3.5913



9.2046, 6.9417, 0.8548



44.9984, 32.8720, 3.9733

Inverse Universe

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



11.9483, 12.8682, 17.4769



20.1765, 21.8172, 31.1232



10.9184, 10.8084, 17.1336



3.3481, 3.5615, 4.2652



5.1319, 4.8541, 18.3881



24.6958, 22.4435, 91.3095

Previews

White Background



This preview shows how the XYZ color 13.3092, 13.5563, 11.5880 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 13.3092, 13.5563, 11.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

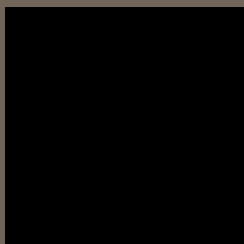
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.3092, 13.5563, 11.5880

Background



This preview shows how black text looks on a background with the XYZ color 13.3092, 13.5563, 11.5880.



This preview shows how white text looks on a background with the XYZ color 13.3092, 13.5563,

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

13.3092, 13.5563, 11.5880

Protanopia

12.9229, 13.6440, 11.8500

Deuteranopia

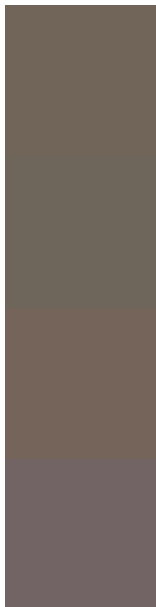
13.7785, 13.5134, 11.5550



Tritanopia

14.1336, 13.6091, 15.5176

Trichromacy



Original Color

13.3092, 13.5563, 11.5880

Protanomaly

13.0701, 13.5731, 11.8285

Deuteranomaly

13.6051, 13.5655, 11.5742

Tritanomaly

13.7969, 13.6119, 13.9568

Monochromacy



Original Color

13.3092, 13.5563, 11.5880

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.0194, 13.5104, 13.4768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3092, 13.5563, 11.5880 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(113, 101, 90)` looks like.

```
.text, #text, p{  
    color:rgb(113, 101, 90)  
}
```

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(113, 101, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 101, 90) }
```

Border

The CSS property to change the border of an element to XYZ 13.3092, 13.5563, 11.5880 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(113, 101, 90) }
```


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

```
.border{ border-color:rgb(113, 101, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 101, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 101, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 101, 90);  
box-shadow:4px 4px 4px 4px rgb(113, 101,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3092, 13.5563, 11.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 101, 90) }
```

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

```
.background{ background-color: rgb(113,  
101, 90) }
```

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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