

Converting Colors

XYZ(13.5712, 14.7295, 13.1694)

Have a look what the booklet for
XYZ(13.5712, 14.7295, 13.1694)
contains.

XYZ(13.5373, 14.6955, 13.1893)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.5373, 14.6955,
13.1893)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6C60
RGB	107, 108, 96
RGB Percent	42%, 42%, 38%
CMY	0.5804, 0.5765, 0.6235
CMYK	0.01, 0.00, 0.11, 0.58
HSL	65°, 6%, 40%
HSV	65°, 11%, 42%
XYZ	13.5373, 14.6955, 13.1893
YIQ	106.3330, 3.2560, -3.9440

Conversions

Conversions Part 2

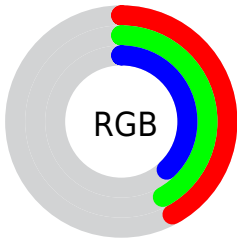
Format	Color
RYB	96, 108, 97
Decimal	7040096
CIELab	45.21, -2.74, 6.58
CIElCh	45, 7.131, 112.581
Yxy	14.6955, 0.3268, 0.3548
Android (android.graphics.Color)	4285230176 (0xFF6B6C60)
YUV	106.3330, -5.0942, 0.5850
Hunter-Lab	38.3347, -4.0513, 6.4352

Details

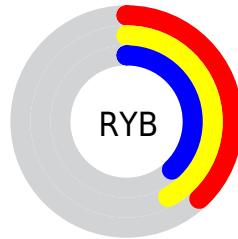
The XYZ color **13.5373, 14.6955, 13.1893** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8200, 11.9902, 15.8796**, and the grayscale version is **13.8043, 14.5232, 15.8158**.

A 20% lighter version of the original color is **31.6870, 34.1407, 32.1139**, and **4.1079, 4.5284, 3.6752** is the 20% darker color. If you saturate the color by 10%, you get **12.9661, 14.4550, 10.7428**, and if you desaturate by 10%, it is **14.1788, 14.9652, 15.9963**.

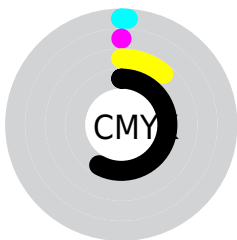
Distribution



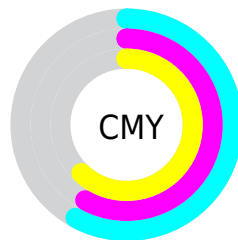
- Red (42%)
- Green (42%)
- Blue (38%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5373, 14.6955, 13.1893 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 13.5373, 14.6955, 13.1893 by changing the saturation by 10% instead.

■ 13.5373, 14.6955,
13.1893

■ 13.5373, 14.6955,
13.1893

207.9018,
221.5157, 223.3776

■ 7.8791, 8.6060,
7.4268

■ 31.8589, 34.3181,
32.3396

■ 4.0688, 4.4851,
3.6479

■ 45.2531, 48.6200,
46.5645

■ 1.7412, 1.9484,
1.4343

■ 61.9565, 66.4280,
64.4472

■ 0.4818, 0.5773,
0.1682

■ 82.3347, 88.1267,
86.4063

■ 0.0000, 0.0000,
0.0000

106.7530,
114.1005, 112.8604

135.5767,

144.7336, 144.2279

169.1712,
180.4105, 180.9275

■ 13.5373, 14.6955,
13.1893

■ 13.5373, 14.6955,
13.1893

■ 12.9661, 14.4550,
10.7428

■ 14.1788, 14.9652,
15.9963

■ 12.4612, 14.2407,
8.6414

■ 14.8919, 15.2632,
19.1768

■ 12.0201, 14.0521,
6.8698

■ 15.6797, 15.5911,
22.7439

■ 11.6395, 13.8878,
5.4112

■ 16.5443, 15.9500,
26.7102

■ 11.3159, 13.7464,
4.2473

■ 17.4882, 16.3406,
31.0874

■ 11.0457, 13.6265,
3.3581

■ 18.5133, 16.7640,
35.8870

■ 10.8244, 13.5263,
2.7209

■ 19.6219, 17.2208,
41.1198

■ 10.6470, 13.4438,
2.3094

■ 20.8159, 17.7119,
46.7963

■ 10.5064, 13.3774,
2.0283

■ 22.0973, 18.2381,
52.9268

Harmonies

Analogous

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



14.1144, 14.6955, 12.9956



13.5373, 14.6955, 13.1893



13.0874, 14.6955, 14.1100

Triad

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



13.5373, 14.6955, 13.1893



13.2908, 14.6955, 18.7173



15.1209, 14.6955, 16.4234

Complementary

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



13.5373, 14.6955, 13.1893



11.8200, 11.9902, 15.8796

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.



14.8864, 14.6955, 18.0536



13.5373, 14.6955, 13.1893



13.8219, 14.6955, 19.4372

Square

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



13.5373, 14.6955, 13.1893



12.9479, 14.6955, 17.2788



14.4070, 14.6955, 19.1861



15.0395, 14.6955, 14.7876

Rectangle

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



13.5373, 14.6955, 13.1893



12.9148, 14.6955, 15.0495



14.4070, 14.6955, 19.1861



15.0762, 14.6955, 16.9915

Sweetspot

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



13.5377, 14.6961, 13.1896



24.6597, 26.1747, 27.0609



12.5708, 12.5824, 12.8326



5.9492, 6.3273, 6.4640



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.



13.5377, 14.6961, 13.1896



23.5305, 25.7004, 22.1385



12.8413, 14.3371, 13.1570



3.3095, 3.5713, 3.3324



12.5202, 15.9496, 2.4187



63.4414, 81.0873, 12.3077

Inverse Universe

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



11.8200, 11.9902, 15.8796



19.9597, 20.0751, 27.7306



12.4836, 12.3323, 15.9106



2.9697, 3.0361, 3.8644



3.3512, 1.3547, 17.0071



16.7486, 6.7338, 86.6432

Previews

White Background



This preview shows how the XYZ color 13.5373, 14.6955, 13.1893 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 13.5373, 14.6955, 13.1893 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

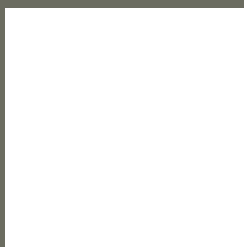
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.5373, 14.6955, 13.1893

Background



This preview shows how black text looks on a background with the XYZ color 13.5373, 14.6955, 13.1893.



This preview shows how white text looks on a background with the XYZ color 13.5373, 14.6955,

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

13.5373, 14.6955, 13.1893

Protanopia

14.0053, 14.7864, 12.9424

Deuteranopia

14.8931, 14.6285, 13.3479



Tritanopia

14.5192, 14.6331, 17.9788

Trichromacy



Original Color

13.5373, 14.6955, 13.1893

Protanomaly

13.7537, 14.6566, 12.9306

Deuteranomaly

14.4117, 14.6792, 13.3831

Tritanomaly

14.1146, 14.6208, 15.9881

Monochromacy



Original Color

13.5373, 14.6955, 13.1893

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.5998, 14.5389, 14.6599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5373, 14.6955, 13.1893 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(107, 108, 96)` looks like.

```
.text, #text, p{  
    color:rgb(107, 108, 96)  
}
```

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(107, 108, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 108, 96) }
```

Border

The CSS property to change the border of an element to XYZ 13.5373, 14.6955, 13.1893 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(107, 108, 96) }
```


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

```
.border{ border-color:rgb(107, 108, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 108, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 108, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 108, 96);  
box-shadow:4px 4px 4px 4px rgb(107, 108,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5373, 14.6955, 13.1893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 108, 96) }
```

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

```
.background{ background-color: rgb(107,  
108, 96) }
```

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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