

Converting Colors

XYZ(13.0654, 13.7208, 13.3721)

Have a look what the booklet for
XYZ(13.0654, 13.7208, 13.3721)
contains.

XYZ(13.0713, 13.6894, 13.2626)	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(13.0713, 13.6894,
13.2626)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6761
RGB	107, 103, 97
RGB Percent	42%, 40%, 38%
CMY	0.5804, 0.5961, 0.6196
CMYK	0.00, 0.04, 0.09, 0.58
HSL	36°, 5%, 40%
HSV	36°, 9%, 42%
XYZ	13.0713, 13.6894, 13.2626
YIQ	103.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

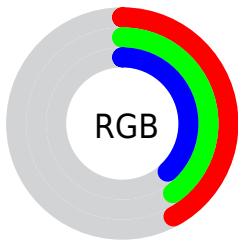
Format	Color
R_{YB}	104, 107, 97
Decimal	7038817
CIE _{Lab}	43.78, 0.40, 3.94
CIE _{LCh}	44, 3.955, 84.267
Yxy	13.6894, 0.3266, 0.3420
Android (android.graphics.Color)	4285228897 (0xFF6B6761)
YUV	103.5120, -3.2104, 3.0590
Hunter-Lab	36.9992, -1.6870, 4.6465

Details

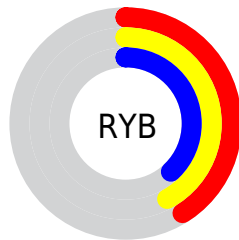
The XYZ color **13.0713, 13.6894, 13.2626** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2371, 12.9099, 15.7569**, and the grayscale version is **13.0357, 13.7146, 14.9352**.

A 20% lighter version of the original color is **31.0014, 32.5184, 32.6597**, and **3.8752, 4.0280, 3.7052** is the 20% darker color. If you saturate the color by 10%, you get **12.1912, 12.6744, 10.6716**, and if you desaturate by 10%, it is **14.0412, 14.7761, 16.2160**.

Distribution



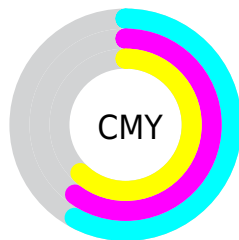
- Red (42%)
- Green (40%)
- Blue (38%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (58%)



- Cyan (58%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0713, 13.6894, 13.2626 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 13.0713, 13.6894, 13.2626 by changing the saturation by 10% instead.

■ 13.0713, 13.6894,
13.2626

■ 13.0713, 13.6894,
13.2626

205.0025,
215.2899, 223.8605

■ 7.5550, 7.9050,
7.4768

■ 31.0320, 32.5369,
32.4728

■ 3.8609, 4.0342,
3.6791

■ 44.2072, 46.3687,
46.7343

■ 1.6238, 1.6927,
1.4510

■ 60.6660, 63.6518,
64.6581

■ 0.4078, 0.4189,
0.1810

■ 80.7739, 84.7706,
86.6627

■ 0.0000, 0.0000,
0.0000

104.8961,
110.1094, 113.1667

133.3980,

140.0526, 144.5887

166.6450,
174.9846, 181.3471

■ 13.0713, 13.6894,
13.2626

■ 13.0713, 13.6894,
13.2626

■ 12.1912, 12.6744,
10.6716

■ 14.0412, 14.7761,
16.2160

■ 11.3968, 11.7276,
8.4279

■ 15.1027, 15.9342,
19.5443

■ 10.6854, 10.8477,
6.5166

■ 16.2589, 17.1661,
23.2604

■ 10.0534, 10.0328,
4.9214

■ 17.5122, 18.4731,
27.3766

■ 9.4973, 9.2810,
3.6248

■ 18.8653, 19.8569,
31.9045

■ 9.0129, 8.5900,
2.6073

■ 20.3204, 21.3187,
36.8550

■ 8.5959, 7.9576,
1.8471

■ 21.8800, 22.8599,
42.2390

■ 8.2412, 7.3809,
1.3192

■ 23.5461, 24.4820,
48.0667

■ 7.9295, 6.8519,
0.9247

■ 25.3210, 26.1861,
54.3480

Harmonies

Analogous

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



13.3644, 13.6894, 13.5556



13.0713, 13.6894, 13.2626



12.7667, 13.6894, 13.3954

Triad

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



13.0713, 13.6894, 13.2626



12.4728, 13.6894, 15.6218



13.5038, 13.6894, 15.9301

Complementary

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



13.0713, 13.6894, 13.2626



12.2371, 12.9099, 15.7569

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.



13.2591, 13.6894, 16.5249



13.0713, 13.6894, 13.2626



12.6646, 13.6894, 16.3420

Square

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



13.0713, 13.6894, 13.2626



12.4243, 13.6894, 14.7347



12.9516, 13.6894, 16.6786



13.6166, 13.6894, 15.0775

Rectangle

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



13.0713, 13.6894, 13.2626



12.5977, 13.6894, 13.7102



12.9516, 13.6894, 16.6786



13.4340, 13.6894, 16.1681

Sweetspot

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



13.0717, 13.6900, 13.2629



24.4746, 25.7164, 26.9822



12.6872, 12.6149, 14.0783



5.8944, 6.1915, 6.4407



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.



13.0717, 13.6900, 13.2629



23.0843, 24.1465, 22.7867



13.3593, 14.4427, 13.3930



3.2366, 3.3905, 3.3013



9.5925, 8.2348, 1.0839



48.0119, 40.2275, 5.2342

Inverse Universe

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



12.2371, 12.9099, 15.7569



21.2985, 22.4772, 28.1237



11.9657, 12.2077, 15.6356



3.0385, 3.2053, 3.8934



4.2406, 3.3155, 17.3387



20.8048, 15.2882, 88.0806

Previews

White Background



This preview shows how the XYZ color 13.0713, 13.6894, 13.2626 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 13.0713, 13.6894, 13.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

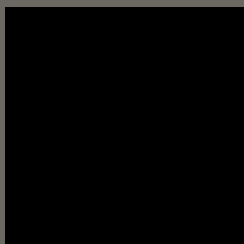
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

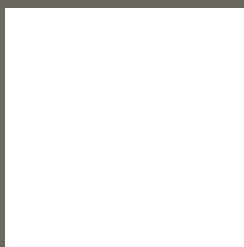
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.0713, 13.6894, 13.2626

Background



This preview shows how black text looks on a background with the XYZ color 13.0713, 13.6894, 13.2626.



This preview shows how white text looks on a background with the XYZ color 13.0713, 13.6894,

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

13.0713, 13.6894, 13.2626

Protanopia

13.0713, 13.6894, 13.2626

Deuteranopia

13.9642, 13.7092, 13.4654



Tritanopia

13.7207, 13.6627, 16.3820

Trichromacy



Original Color

13.0713, 13.6894, 13.2626

Protanomaly

13.0713, 13.6894, 13.2626

Deuteranomaly

13.6683, 13.6999, 13.4792

Tritanomaly

13.4855, 13.7108, 15.3003

Monochromacy



Original Color

13.0713, 13.6894, 13.2626

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.1250, 13.8435, 14.2922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0713, 13.6894, 13.2626 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, 103, 97)` looks like.

```
.text, #text, p{  
    color:rgb(107, 103, 97)  
}
```

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, 103, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 103, 97) }
```

Border

The CSS property to change the border of an element to XYZ 13.0713, 13.6894, 13.2626 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, 103, 97) }
```


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

```
.border{ border-color:rgb(107, 103, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 103, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 103, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 103, 97);  
box-shadow:4px 4px 4px 4px rgb(107, 103,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0713, 13.6894, 13.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 103, 97) }
```

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

```
.background{ background-color: rgb(107,  
103, 97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor