

Converting Colors

XYZ(13.1853, 14.5417, 17.9864)

Have a look what the booklet for
XYZ(13.1853, 14.5417, 17.9864)
contains.

XYZ(13.2252, 14.5851, 18.0377)	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(13.2252, 14.5851,
18.0377)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6D72
RGB	95, 109, 114
RGB Percent	37%, 43%, 45%
CMY	0.6274, 0.5725, 0.5529
CMYK	0.17, 0.04, 0.00, 0.55
HSL	196°, 9%, 41%
HSV	196°, 17%, 45%
XYZ	13.2252, 14.5851, 18.0377
YIQ	105.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

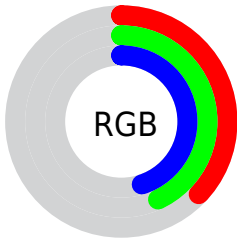
Format	Color
R_{YB}	95, 103, 114
Decimal	6253938
CIE _{Lab}	45.06, -4.10, -4.57
CIE _{LCh}	45, 6.135, 228.090
Yxy	14.5851, 0.2885, 0.3181
Android (android.graphics.Color)	4284444018 (0xFF5F6D72)
YUV	105.3840, 4.2477, -9.1068
Hunter-Lab	38.1904, -5.0194, -1.2699

Details

The XYZ color **13.2252, 14.5851, 18.0377** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5622, 13.5178, 12.7211**, and the grayscale version is **13.5225, 14.2268, 15.4930**.

A 20% lighter version of the original color is **31.3078, 34.0058, 40.9901**, and **3.9249, 4.4670, 5.8096** is the 20% darker color. If you saturate the color by 10%, you get **11.8122, 13.3902, 17.8818**, and if you desaturate by 10%, it is **14.8233, 15.8924, 18.2060**.

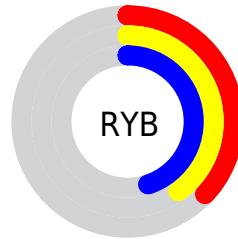
Distribution



Red (37%)

Green (43%)

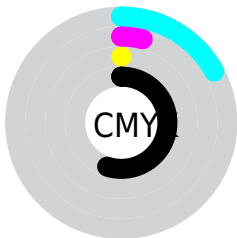
Blue (45%)



Red (37%)

Yellow (40%)

Blue (45%)

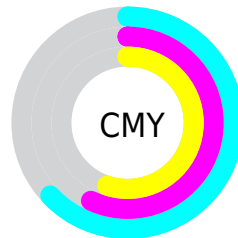


Cyan (17%)

Magenta (4%)

Yellow (0%)

Black (55%)



Cyan (63%)

Magenta (57%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2252, 14.5851, 18.0377 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 13.2252, 14.5851, 18.0377 by changing the saturation by 10% instead.

■ 13.2252, 14.5851,
18.0377

■ 13.2252, 14.5851,
18.0377

205.9645,
220.8410, 253.3267

■ 7.6619, 8.5287,
10.8073

■ 31.3057, 34.1237,
40.9164

■ 3.9293, 4.4351,
5.8249

■ 44.5535, 48.3746,
57.4017

■ 1.6622, 1.9198,
2.6718

■ 61.0936, 66.1259,
77.8092

■ 0.4325, 0.5602,
0.9292

■ 81.2912, 87.7619,
102.5573

■ 0.0000, 0.0000,
0.0000

105.5117,
113.6670, 132.0645

134.1206,

144.2257, 166.7495

167.4830,
179.8222, 207.0307

■ 13.2252, 14.5851,
18.0377

■ 13.2252, 14.5851,
18.0377

■ 11.8122, 13.3902,
17.8818

■ 14.8233, 15.8924,
18.2060

■ 10.5755, 12.3018,
17.7369

■ 16.6123, 17.3141,
18.3862

■ 9.5073, 11.3162,
17.6029

■ 18.5995, 18.8545,
18.5788

■ 8.5987, 10.4286,
17.4795

■ 20.7912, 20.5170,
18.7841

■ 7.8401, 9.6339,
17.3661

■ 23.1937, 22.3050,
19.0026

7.2207, 8.9263,
17.2622

25.8127, 24.2215,
19.2345

6.7282, 8.2994,
17.1671

28.6539, 26.2697,
19.4801

6.3343, 7.7383,
17.0796

31.7226, 28.4525,
19.7397

6.2086, 7.5574,
17.0513

35.0242, 30.7728,
20.0135

Harmonies

Analogous

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



12.9615, 14.5851, 16.7585



13.2252, 14.5851, 18.0377



13.6636, 14.5851, 18.7551

Triad

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



13.2252, 14.5851, 18.0377



14.8330, 14.5851, 16.4606



13.5639, 14.5851, 13.3851

Complementary

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



13.2252, 14.5851, 18.0377



13.5622, 13.5178, 12.7211

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.



14.0637, 14.5851, 13.3161



13.2252, 14.5851, 18.0377



14.8048, 14.5851, 15.0341

Square

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



13.2252, 14.5851, 18.0377



14.5967, 14.5851, 17.8083



14.5204, 14.5851, 13.9029



13.1537, 14.5851, 14.0975

Rectangle

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



13.2252, 14.5851, 18.0377



13.9996, 14.5851, 18.7910



14.5204, 14.5851, 13.9029



13.7267, 14.5851, 13.2875

Sweetspot

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



13.2256, 14.5857, 18.0380



26.5098, 28.2982, 32.0404



13.0250, 15.3830, 14.2762



6.0934, 6.5144, 7.4060



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.



13.2256, 14.5857, 18.0380



22.2476, 24.7999, 31.5898



12.2900, 12.7145, 17.7262



3.4043, 3.6740, 4.2839



6.8973, 8.3850, 18.9765



33.6286, 40.3090, 94.2871

Inverse Universe

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



13.7923, 12.8662, 16.2252



23.4532, 21.2159, 27.7159



14.5005, 15.3945, 13.0339



3.4788, 3.4392, 4.0479



9.4998, 4.6923, 9.7078



46.9541, 23.2270, 46.4180

Previews

White Background



This preview shows how the XYZ color 13.2252, 14.5851, 18.0377 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 13.2252, 14.5851, 18.0377 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

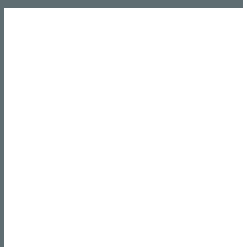
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.2252, 14.5851, 18.0377

Background



This preview shows how black text looks on a background with the XYZ color 13.2252, 14.5851, 18.0377.



This preview shows how white text looks on a background with the XYZ color 13.2252, 14.5851,

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

13.2252, 14.5851, 18.0377

Protanopia

14.1421, 14.6037, 17.4027

Deuteranopia

14.7548, 14.4490, 18.2309



Tritanopia

13.5034, 14.7084, 18.9569

Trichromacy



Original Color

13.2252, 14.5851, 18.0377

Protanomaly

13.8318, 14.5912, 17.7102

Deuteranomaly

14.0899, 14.4051, 18.2575

Tritanomaly

13.4449, 14.6850, 18.6489

Monochromacy



Original Color

13.2252, 14.5851, 18.0377

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.2276, 14.1575, 16.2229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2252, 14.5851, 18.0377 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(95, 109, 114) looks like.

```
.text, #text, p{  
    color:rgb(95, 109, 114)  
}
```

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(95, 109, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 109, 114) }
```

Border

The CSS property to change the border of an element to XYZ 13.2252, 14.5851, 18.0377 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(95, 109, 114) }
```


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

```
.border{ border-color:rgb(95, 109, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 109, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 109, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 109, 114);  
box-shadow:4px 4px 4px 4px rgb(95, 109,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2252, 14.5851, 18.0377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 109, 114) }
```

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

```
.background{ background-color: rgb(95, 109,  
114) }
```

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