

Converting Colors

XYZ(14.5899, 13.6816, 20.6173)

Have a look what the booklet for
XYZ(14.5899, 13.6816, 20.6173)
contains.

XYZ(14.5925, 13.7332, 20.6206)	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(14.5925, 13.7332,
20.6206)**

Conversions

Conversions Part 1

Format	Color
Hex	6F637B
RGB	111, 99, 123
RGB Percent	44%, 39%, 48%
CMY	0.5647, 0.6118, 0.5176
CMYK	0.10, 0.20, 0.00, 0.52
HSL	270°, 11%, 44%
HSV	270°, 20%, 48%
XYZ	14.5925, 13.7332, 20.6206
YIQ	105.3240, -0.5520, 10.0080

Conversions

Conversions Part 2

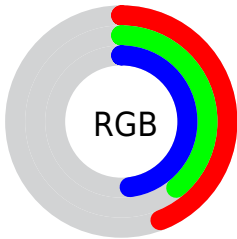
Format	Color
R_{YB}	111, 99, 123
Decimal	7299963
CIE _{Lab}	43.85, 9.77, -11.67
CIE _{LCh}	44, 15.216, 309.934
Yxy	13.7332, 0.2981, 0.2806
Android (android.graphics.Color)	4285490043 (0xFF6F637B)
YUV	105.3240, 8.7143, 4.9779
Hunter-Lab	37.0583, 5.4361, -7.0503

Details

The XYZ color **14.5925, 13.7332, 20.6206** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8911, 18.4467, 14.5280**, and the grayscale version is **13.4926, 14.1953, 15.4587**.

A 20% lighter version of the original color is **33.7485, 32.6944, 45.0893**, and **4.5139, 4.0072, 7.0141** is the 20% darker color. If you saturate the color by 10%, you get **12.7675, 11.1926, 20.2266**, and if you desaturate by 10%, it is **16.6492, 16.6575, 21.0769**.

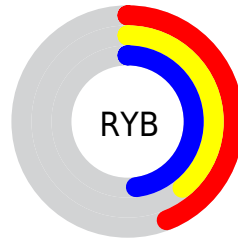
Distribution



Red (44%)

Green (39%)

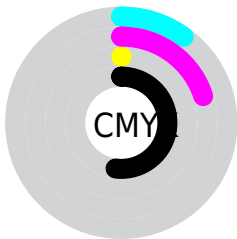
Blue (48%)



Red (44%)

Yellow (39%)

Blue (48%)

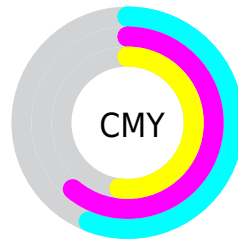


Cyan (10%)

Magenta (20%)

Yellow (0%)

Black (52%)



Cyan (56%)

Magenta (61%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5925, 13.7332, 20.6206 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 14.5925, 13.7332, 20.6206 by changing the saturation by 10% instead.

■ 14.5925, 13.7332,
20.6206

■ 14.5925, 13.7332,
20.6206

214.3239,
215.5647, 267.9698

■ 8.6183, 7.9353,
12.6584

■ 33.7143, 32.6149,
45.3278

■ 4.5482, 4.0536,
7.0658

■ 47.5926, 46.4675,
62.9099

■ 2.0167, 1.7036,
3.4242

■ 64.8363, 63.7738,
84.5358

■ 0.6433, 0.4260,
1.3151

■ 85.8108, 84.9182,
110.6239

■ 0.0000, 0.0000,
0.0741

110.8815,
110.2851, 141.5928

■ 0.0000, 0.0000,
0.0000

140.4137,

140.2589, 177.8610

174.7727,
175.2239, 219.8472

■ 14.5925, 13.7332,
20.6206

■ 14.5925, 13.7332,
20.6206

■ 12.7675, 11.1926,
20.2266

■ 16.6492, 16.6575,
21.0769

■ 11.1638, 9.0173,
19.8913

■ 18.9447, 19.9792,
21.5970

■ 9.7721, 7.1902,
19.6119

■ 21.4877, 23.7136,
22.1838

■ 8.5820, 5.6918,
19.3855

■ 24.2858, 27.8746,
22.8395

■ 7.5818, 4.5010,
19.2083

■ 27.3463, 32.4753,
23.5662

6.7588, 3.5938,
19.0766

30.6763, 37.5286,
24.3661

6.0981, 2.9425,
18.9857

34.2824, 43.0464,
25.2411

5.5557, 2.4607,
18.9213

38.1711, 49.0405,
26.1931

5.5304, 2.4380,
18.9182

42.3489, 55.5222,
27.2240

Harmonies

Analogous

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



13.4555, 13.7332, 22.4613



14.5925, 13.7332, 20.6206



15.3450, 13.7332, 17.3395

Triad

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



14.5925, 13.7332, 20.6206



13.8616, 13.7332, 9.5605



10.9075, 13.7332, 16.1236

Complementary

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



14.5925, 13.7332, 20.6206



15.8911, 18.4467, 14.5280

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.



11.0014, 13.7332, 12.7964



14.5925, 13.7332, 20.6206



12.6586, 13.7332, 9.3379

Square

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



14.5925, 13.7332, 20.6206



14.9054, 13.7332, 11.0961



11.6258, 13.7332, 10.4327



11.3608, 13.7332, 19.6140

Rectangle

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



14.5925, 13.7332, 20.6206



15.5017, 13.7332, 14.9608



11.6258, 13.7332, 10.4327



10.8768, 13.7332, 14.9455

Sweetspot

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



14.5929, 13.7338, 20.6209



31.1480, 31.7486, 38.0430



14.4494, 15.5396, 20.9770



7.2877, 7.4079, 8.9488



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.5929, 13.7338, 20.6209



24.7576, 22.6674, 36.6270



16.1487, 14.5358, 20.6937



3.9708, 3.9828, 5.0027



5.7148, 2.5188, 19.5703



26.2784, 11.5090, 93.3062

Inverse Universe

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



15.4999, 14.2829, 16.9795



26.6934, 23.8394, 28.8552



14.5250, 17.7424, 14.4641



4.0741, 4.0454, 4.5878



9.3328, 4.7093, 5.0437



44.0890, 22.2919, 21.7965

Previews

White Background



This preview shows how the XYZ color 14.5925, 13.7332, 20.6206 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 14.5925, 13.7332, 20.6206 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 14.5925, 13.7332, 20.6206

Background



This preview shows how black text looks on a background with the XYZ color 14.5925, 13.7332, 20.6206.



This preview shows how white text looks on a background with the XYZ color 14.5925, 13.7332,

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

14.5925, 13.7332, 20.6206

Protanopia

13.7617, 13.8595, 21.6885

Deuteranopia

14.0545, 13.7407, 20.6504



Tritanopia

13.7207, 13.6627, 16.3820

Trichromacy



Original Color

14.5925, 13.7332, 20.6206

Protanomaly

14.0466, 13.8670, 21.3383

Deuteranomaly

14.1957, 13.6702, 20.6293

Tritanomaly

14.0248, 13.6442, 17.8140

Monochromacy



Original Color

14.5925, 13.7332, 20.6206

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.8383, 13.9961, 17.3014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5925, 13.7332, 20.6206 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(111, 99, 123)` looks like.

```
.text, #text, p{  
    color:rgb(111, 99, 123)  
}
```

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(111, 99, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 99, 123) }
```

Border

The CSS property to change the border of an element to XYZ 14.5925, 13.7332, 20.6206 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(111, 99, 123) }
```


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

```
.border{ border-color:rgb(111, 99, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 99, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 99, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 99, 123); box-shadow:4px 4px 4px 4px rgb(111, 99, 123) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5925, 13.7332, 20.6206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 99, 123) }
```

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

```
.background{ background-color: rgb(111, 99,  
123) }
```

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