

Converting Colors

XYZ(14.5142, 13.8571, 20.9002)

Have a look what the booklet for
XYZ(14.5142, 13.8571, 20.9002)
contains.

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Color

**XYZ(14.5019, 13.8208,
20.9721)**

Conversions

Conversions Part 1

Format	Color
Hex	6D647C
RGB	109, 100, 124
RGB Percent	43%, 39%, 49%
CMY	0.5725, 0.6078, 0.5137
CMYK	0.12, 0.19, 0.00, 0.51
HSL	262°, 11%, 44%
HSV	262°, 19%, 49%
XYZ	14.5019, 13.8208, 20.9721
YIQ	105.4270, -2.3400, 9.3720

Conversions

Conversions Part 2

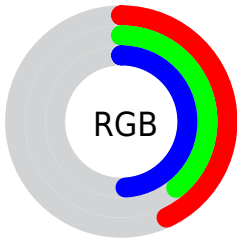
Format	Color
R _Y B	109, 100, 124
Decimal	7169148
CIE Lab	43.97, 8.66, -12.10
CIE LCh	44, 14.880, 305.612
Yxy	13.8208, 0.2942, 0.2804
Android (android.graphics.Color)	4285359228 (0xFF6D647C)
YUV	105.4270, 9.1565, 3.1335
Hunter-Lab	37.1763, 4.5714, -7.4235

Details

The XYZ color **14.5019, 13.8208, 20.9721** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5787, 18.9806, 14.8471**, and the grayscale version is **13.5198, 14.2239, 15.4898**.

A 20% lighter version of the original color is **33.7004, 32.8846, 46.1661**, and **4.4676, 4.0463, 7.2022** is the 20% darker color. If you saturate the color by 10%, you get **12.4902, 11.1508, 20.5630**, and if you desaturate by 10%, it is **16.7796, 16.8974, 21.4461**.

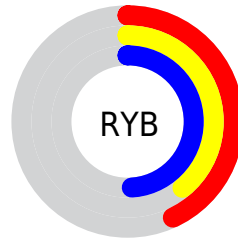
Distribution



Red (43%)

Green (39%)

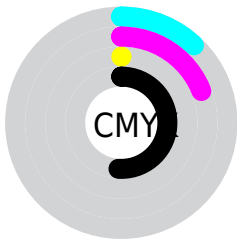
Blue (49%)



Red (43%)

Yellow (39%)

Blue (49%)

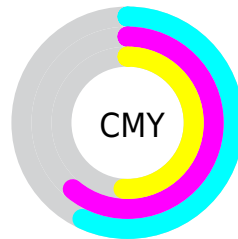


Cyan (12%)

Magenta (19%)

Yellow (0%)

Black (51%)



Cyan (57%)

Magenta (61%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5019, 13.8208, 20.9721 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 14.5019, 13.8208, 20.9721 by changing the saturation by 10% instead.

■ 14.5019, 13.8208,
20.9721

■ 14.5019, 13.8208,
20.9721

213.7799,
216.1132, 269.9064

■ 8.5546, 7.9961,
12.9126

■ 33.5558, 32.7707,
45.9213

■ 4.5066, 4.0925,
7.2383

■ 47.3932, 46.6648,
63.6480

■ 1.9925, 1.7254,
3.5309

■ 64.5913, 64.0174,
85.4342

■ 0.6298, 0.4400,
1.3717

■ 85.5154, 85.2130,
111.6985

■ 0.0000, 0.0000,
0.1195

110.5310,
110.6360, 142.8592

■ 0.0000, 0.0000,
0.0000

140.0034,

140.6708, 179.3351

174.2979,
175.7017, 221.5447

■ 14.5019, 13.8208,
20.9721

■ 14.5019, 13.8208,
20.9721

■ 12.4902, 11.1508,
20.5630

■ 16.7796, 16.8974,
21.4461

■ 10.7329, 8.8682,
20.2150

■ 19.3317, 20.3952,
21.9867

■ 9.2194, 6.9550,
19.9255

■ 22.1680, 24.3303,
22.5968

■ 7.9377, 5.3906,
19.6911

■ 25.2970, 28.7172,
23.2786

■ 6.8750, 4.1529,
19.5082

■ 28.7273, 33.5700,
24.0345

■ 6.0167, 3.2168,
19.3728

■ 32.4668, 38.9019,
24.8666

■ 5.3463, 2.5534,
19.2800

■ 36.5233, 44.7259,
25.7770

■ 4.8189, 2.0769,
19.2159

■ 40.9042, 51.0543,
26.7675

■ 4.7872, 2.0476,
19.2119

■ 45.6168, 57.8988,
27.8403

Harmonies

Analogous

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



13.3593, 13.8208, 22.4841



14.5019, 13.8208, 20.9721



15.3125, 13.8208, 17.8936

Triad

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



14.5019, 13.8208, 20.9721



14.0954, 13.8208, 9.8732



11.0056, 13.8208, 15.6928

Complementary

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



14.5019, 13.8208, 20.9721



16.5787, 18.9806, 14.8471

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.



11.1767, 13.8208, 12.5222



14.5019, 13.8208, 20.9721



12.9157, 13.8208, 9.4648

Square

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



14.5019, 13.8208, 20.9721



15.0681, 13.8208, 11.5737



11.8592, 13.8208, 10.3607



11.3770, 13.8208, 19.1572

Rectangle

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



14.5019, 13.8208, 20.9721



15.5303, 13.8208, 15.5511



11.8592, 13.8208, 10.3607



11.0018, 13.8208, 14.5569

Sweetspot

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



14.5023, 13.8214, 20.9724



30.9163, 31.6292, 38.0322



15.0477, 16.4722, 21.4553



7.2289, 7.3775, 8.9461



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.



14.5023, 13.8214, 20.9724



23.9801, 22.2666, 36.5906



16.0528, 14.6207, 21.0450



3.9265, 3.9600, 5.0006



4.8639, 2.0802, 19.5305



22.3258, 9.4714, 93.1212

Inverse Universe

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



15.9644, 14.6379, 18.2044



27.0481, 23.9813, 30.7231



15.1249, 18.2311, 14.7791



4.0938, 4.0532, 4.6914



9.8289, 4.9077, 7.6558



46.4619, 23.2411, 34.2920

Previews

White Background



This preview shows how the XYZ color 14.5019, 13.8208, 20.9721 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 14.5019, 13.8208, 20.9721 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 14.5019, 13.8208, 20.9721

Background



This preview shows how black text looks on a background with the XYZ color 14.5019, 13.8208, 20.9721.



This preview shows how white text looks on a background with the XYZ color 14.5019, 13.8208,

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

14.5019, 13.8208, 20.9721

Protanopia

13.7617, 13.8595, 21.6885

Deuteranopia

14.0984, 13.9010, 21.0089



Tritanopia

13.6292, 13.7543, 16.6884

Trichromacy



Original Color

14.5019, 13.8208, 20.9721

Protanomaly

14.0466, 13.8670, 21.3383

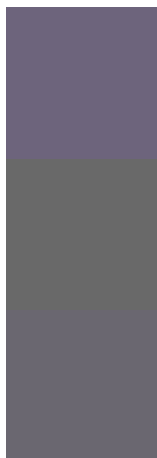
Deuteranomaly

14.2356, 13.8268, 20.9873

Tritanomaly

13.9325, 13.7333, 18.1361

Monochromacy



Original Color

14.5019, 13.8208, 20.9721

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.7187, 13.9345, 17.2958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5019, 13.8208, 20.9721 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(109, 100, 124)` looks like.

```
.text, #text, p{  
    color:rgb(109, 100, 124)  
}
```

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(109, 100, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 100, 124) }
```

Border

The CSS property to change the border of an element to XYZ 14.5019, 13.8208, 20.9721 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(109, 100, 124) }
```


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

```
.border{ border-color:rgb(109, 100, 124) }
```

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

Here you see how a box with a 4 pixel rgb(109, 100, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 100, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 100, 124);  
box-shadow:4px 4px 4px 4px rgb(109, 100,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5019, 13.8208, 20.9721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 100, 124) }
```

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

```
.background{ background-color: rgb(109,  
100, 124) }
```

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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