

Converting Colors

XYZ(14.3015, 13.5131, 20.5935)

Have a look what the booklet for
XYZ(14.3015, 13.5131, 20.5935)
contains.

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Color

**XYZ(14.3437, 13.6050,
20.6089)**

Conversions

Conversions Part 1

Format	Color
Hex	6D637B
RGB	109, 99, 123
RGB Percent	43%, 39%, 48%
CMY	0.5725, 0.6118, 0.5176
CMYK	0.11, 0.20, 0.00, 0.52
HSL	265°, 11%, 44%
HSV	265°, 20%, 48%
XYZ	14.3437, 13.6050, 20.6089
YIQ	104.7260, -1.7440, 9.5840

Conversions

Conversions Part 2

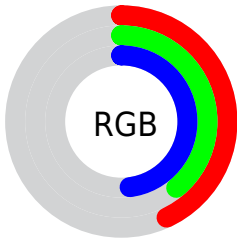
Format	Color
R_{YB}	109, 99, 123
Decimal	7168891
CIE Lab	43.66, 9.04, -11.97
CIE LCh	44, 15.000, 307.072
Yxy	13.6050, 0.2954, 0.2802
Android (android.graphics.Color)	4285358971 (0xFF6D637B)
YUV	104.7260, 9.0091, 3.7483
Hunter-Lab	36.8850, 4.8658, -7.3079

Details

The XYZ color **14.3437, 13.6050, 20.6089** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1456, 18.5778, 14.5400**, and the grayscale version is **13.3304, 14.0246, 15.2728**.

A 20% lighter version of the original color is **33.3422, 32.4849, 45.0703**, and **4.3885, 3.9425, 7.0082** is the 20% darker color. If you saturate the color by 10%, you get **12.4191, 11.0130, 20.2103**, and if you desaturate by 10%, it is **16.5187, 16.5903, 21.0707**.

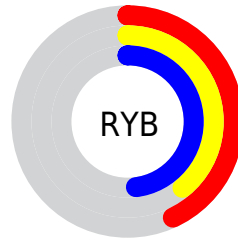
Distribution



Red (43%)

Green (39%)

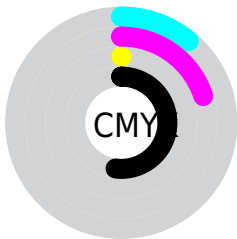
Blue (48%)



Red (43%)

Yellow (39%)

Blue (48%)

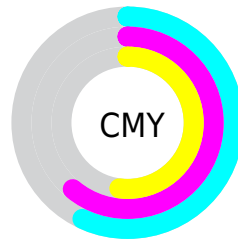


Cyan (11%)

Magenta (20%)

Yellow (0%)

Black (52%)



Cyan (57%)

Magenta (61%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3437, 13.6050, 20.6089 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 14.3437, 13.6050, 20.6089 by changing the saturation by 10% instead.

■ 14.3437, 13.6050,
20.6089

■ 14.3437, 13.6050,
20.6089

212.8267,
214.7595, 267.9051

■ 8.4434, 7.8465,
12.6500

■ 33.2788, 32.3865,
45.3080

■ 4.4341, 3.9969,
7.0601

■ 47.0444, 46.1782,
62.8853

■ 1.9506, 1.6718,
3.4207

■ 64.1624, 63.4165,
84.5058

■ 0.6060, 0.4053,
1.3132

■ 84.9982, 84.4857,
110.5880

■ 0.0000, 0.0000,
0.0726

109.9172,
109.7702, 141.5505

■ 0.0000, 0.0000,
0.0000

139.2847,

139.6544, 177.8118

173.4661,
174.5227, 219.7905

■ 14.3437, 13.6050,
20.6089

■ 14.3437, 13.6050,
20.6089

■ 12.4191, 11.0130,
20.2103

■ 16.5187, 16.5903,
21.0707

■ 10.7340, 8.7958,
19.8711

■ 18.9520, 19.9830,
21.5973

■ 9.2784, 6.9357,
19.5888

■ 21.6527, 23.7987,
22.1915

■ 8.0410, 5.4130,
19.3601

■ 24.6291, 28.0516,
22.8555

■ 7.0096, 4.2060,
19.1815

■ 27.8889, 32.7551,
23.5915

6.1705, 3.2905,
19.0490

31.4399, 37.9223,
24.4018

5.5081, 2.6383,
18.9580

35.2892, 43.5655,
25.2881

4.9773, 2.1626,
18.8942

39.4438, 49.6967,
26.2526

4.9529, 2.1403,
18.8912

43.9106, 56.3273,
27.2970

Harmonies

Analogous

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



13.2117, 13.6050, 22.2201



14.3437, 13.6050, 20.6089



15.1291, 13.6050, 17.4842

Triad

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



14.3437, 13.6050, 20.6089



13.8328, 13.6050, 9.6108



10.8131, 13.6050, 15.6258

Complementary

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



14.3437, 13.6050, 20.6089



16.1456, 18.5778, 14.5400

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.



10.9571, 13.6050, 12.4297



14.3437, 13.6050, 20.6089



12.6545, 13.6050, 9.2683

Square

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



14.3437, 13.6050, 20.6089



14.8218, 13.6050, 11.2404



11.6145, 13.6050, 10.2213



11.2085, 13.6050, 19.0735

Rectangle

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



14.3437, 13.6050, 20.6089



15.3251, 13.6050, 15.1470



11.6145, 13.6050, 10.2213



10.8004, 13.6050, 14.4850

Sweetspot

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



14.3441, 13.6056, 20.6092



30.9933, 31.6689, 38.0358



14.6711, 15.9829, 21.0508



7.2484, 7.3876, 8.9470



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.



14.3441, 13.6056, 20.6092



24.2357, 22.3984, 36.6026



15.8666, 14.3904, 20.6805



3.9412, 3.9676, 5.0013



5.1177, 2.2110, 19.5423



23.4891, 10.0711, 93.1757

Inverse Universe

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



15.6113, 14.3275, 17.5661



26.9282, 23.9333, 30.0917



14.7473, 17.8570, 14.4745



4.0872, 4.0506, 4.6567



9.6491, 4.8358, 6.7092



45.5956, 22.8946, 29.7304

Previews

White Background



This preview shows how the XYZ color 14.3437, 13.6050, 20.6089 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 14.3437, 13.6050, 20.6089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

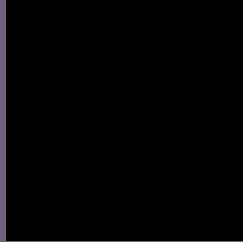
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3437, 13.6050, 20.6089

Background



This preview shows how black text looks on a background with the XYZ color 14.3437, 13.6050, 20.6089.



This preview shows how white text looks on a background with the XYZ color 14.3437, 13.6050,

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

14.3437, 13.6050, 20.6089

Protanopia

13.4900, 13.5801, 21.3123

Deuteranopia

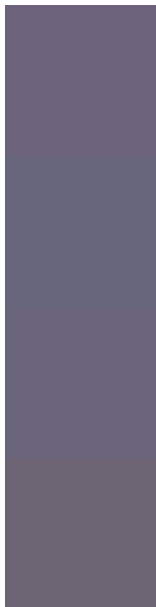
13.9378, 13.6805, 20.6449



Tritanopia

13.4774, 13.5373, 16.3706

Trichromacy



Original Color

14.3437, 13.6050, 20.6089

Protanomaly

13.7713, 13.5874, 20.9656

Deuteranomaly

14.0762, 13.6086, 20.6237

Tritanomaly

13.7788, 13.5174, 17.8025

Monochromacy



Original Color

14.3437, 13.6050, 20.6089

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 14.3437, 13.6050, 20.6089 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, 99, 123)` looks like.

```
.text, #text, p{  
    color:rgb(109, 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(109, 99, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 99, 123) }
```

Border

The CSS property to change the border of an element to XYZ 14.3437, 13.6050, 20.6089 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, 99, 123) }
```


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

```
.border{ border-color:rgb(109, 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(109, 99, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 99, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 99, 123);  
box-shadow:4px 4px 4px 4px rgb(109, 99,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3437, 13.6050, 20.6089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 99, 123) }
```

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

```
.background{ background-color: rgb(109, 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](#).

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