

Converting Colors

XYZ(14.2158, 14.2232, 20.5961)

Have a look what the booklet for
XYZ(14.2158, 14.2232, 20.5961)
contains.

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Color

**XYZ(14.2344, 14.2737,
20.7438)**

Conversions

Conversions Part 1

Format	Color
Hex	68687B
RGB	104, 104, 123
RGB Percent	41%, 41%, 48%
CMY	0.5922, 0.5921, 0.5176
CMYK	0.15, 0.15, 0.00, 0.52
HSL	240°, 8%, 45%
HSV	240°, 15%, 48%
XYZ	14.2344, 14.2737, 20.7438
YIQ	106.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

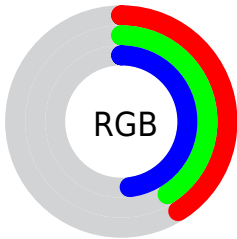
Format	Color
RYB	104, 104, 123
Decimal	6842491
CIELab	44.62, 4.22, -10.56
CIELCh	45, 11.371, 291.775
Yxy	14.2737, 0.2890, 0.2898
Android (android.graphics.Color)	4285032571 (0xFF68687B)
YUV	106.1660, 8.2992, -1.8996
Hunter-Lab	37.7806, 1.1366, -6.1074

Details

The XYZ color **14.2344, 14.2737, 20.7438** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7503, 19.3765, 15.9016**, and the grayscale version is **13.7246, 14.4393, 15.7244**.

A 20% lighter version of the original color is **32.9768, 33.5064, 45.2868**, and **4.3865, 4.2905, 7.0755** is the 20% darker color. If you saturate the color by 10%, you get **11.7605, 11.2929, 20.2991**, and if you desaturate by 10%, it is **17.0981, 17.7243, 21.2591**.

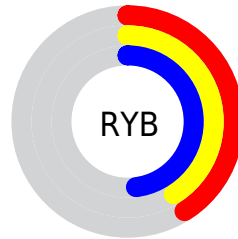
Distribution



Red (41%)

Green (41%)

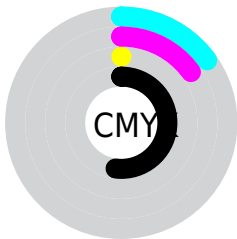
Blue (48%)



Red (41%)

Yellow (41%)

Blue (48%)

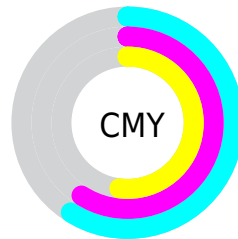


Cyan (15%)

Magenta (15%)

Yellow (0%)

Black (52%)



Cyan (59%)

Magenta (59%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2344, 14.2737, 20.7438 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 14.2344, 14.2737, 20.7438 by changing the saturation by 10% instead.

■ 14.2344, 14.2737,
20.7438

■ 14.2344, 14.2737,
20.7438

212.1658,
218.9269, 268.6500

■ 8.3667, 8.3113,
12.7474

■ 33.0872, 33.5739,
45.5360

■ 4.3842, 4.2948,
7.1262

■ 46.8029, 47.6804,
63.1689

■ 1.9217, 1.8398,
3.4615

■ 63.8654, 65.2705,
84.8511

■ 0.5894, 0.5118,
1.3348

■ 84.6399, 86.7284,
111.0011

■ 0.0000, 0.0000,
0.0901

109.4918,
112.4386, 142.0374

■ 0.0000, 0.0000,
0.0000

138.7865,

142.7855, 178.3787

172.8894,
178.1535, 220.4433

■ 14.2344, 14.2737,
20.7438

■ 14.2344, 14.2737,
20.7438

■ 11.7605, 11.2929,
20.2991

■ 17.0981, 17.7243,
21.2591

■ 9.6583, 8.7599,
19.9209

■ 20.3660, 21.6618,
21.8469

■ 7.9102, 6.6535,
19.6065

■ 24.0533, 26.1049,
22.5102

■ 6.4967, 4.9504,
19.3523

■ 28.1744, 31.0704,
23.2514

■ 5.3966, 3.6248,
19.1544

■ 32.7425, 36.5746,
24.0731

■ 4.5860, 2.6480,
19.0086

■ 37.7706, 42.6331,
24.9774

■ 4.0376, 1.9872,
18.9099

■ 43.2711, 49.2607,
25.9668

■ 3.7061, 1.5879,
18.8503

■ 49.2558, 56.4718,
27.0433

■ 3.5752, 1.4302,
18.8268

■ 55.7362, 64.2802,
28.2089

Harmonies

Analogous

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



13.3149, 14.2737, 21.1216



14.2344, 14.2737, 20.7438



15.0062, 14.2737, 18.8960

Triad

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



14.2344, 14.2737, 20.7438



14.6923, 14.2737, 11.8878



11.8883, 14.2737, 14.8273

Complementary

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



14.2344, 14.2737, 20.7438



17.7503, 19.3765, 15.9016

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.



12.2224, 14.2737, 12.6097



14.2344, 14.2737, 20.7438



13.8217, 14.2737, 11.0427

Square

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



14.2344, 14.2737, 20.7438



15.2788, 14.2737, 13.7349



12.9203, 14.2737, 11.2912



11.9876, 14.2737, 17.5002

Rectangle

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



14.2344, 14.2737, 20.7438



15.3194, 14.2737, 17.1825



12.9203, 14.2737, 11.2912



11.9531, 14.2737, 14.0087

Sweetspot

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



14.2348, 14.2743, 20.7441



30.7957, 31.9535, 38.1012



16.3476, 18.5314, 21.3507



7.1778, 7.4351, 8.9599



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.



14.2348, 14.2743, 20.7441



23.6271, 23.3159, 36.8117



15.3595, 14.8540, 20.7967



3.7976, 3.8936, 4.9946



3.6985, 1.4795, 19.4759



17.6422, 7.0570, 92.9021

Inverse Universe

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



15.6178, 15.1115, 15.1909



26.6648, 25.1548, 24.6139



16.4976, 18.7308, 15.8430



3.9983, 4.0150, 4.1888



8.4502, 4.3562, 0.3956



40.3081, 20.7796, 1.8866

Previews

White Background



This preview shows how the XYZ color 14.2344, 14.2737, 20.7438 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 14.2344, 14.2737, 20.7438 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 14.2344, 14.2737, 20.7438

Background



This preview shows how black text looks on a background with the XYZ color 14.2344, 14.2737, 20.7438.



This preview shows how white text looks on a background with the XYZ color 14.2344, 14.2737,

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

14.2344, 14.2737, 20.7438

Protanopia

14.1062, 14.3580, 20.7668

Deuteranopia

14.4888, 14.2564, 20.7270



Tritanopia

13.6708, 14.3478, 17.9685

Trichromacy



Original Color

14.2344, 14.2737, 20.7438

Protanomaly

14.2202, 14.4168, 20.7721

Deuteranomaly

14.3693, 14.1947, 20.7214

Tritanomaly

13.8560, 14.2711, 18.8539

Monochromacy



Original Color

14.2344, 14.2737, 20.7438

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.8019, 14.2763, 17.3574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2344, 14.2737, 20.7438 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(104, 104, 123) looks like.

```
.text, #text, p{  
    color:rgb(104, 104, 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(104, 104, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 104, 123) }
```

Border

The CSS property to change the border of an element to XYZ 14.2344, 14.2737, 20.7438 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(104, 104, 123) }
```


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

```
.border{ border-color:rgb(104, 104, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 104, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 104, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 104, 123);  
box-shadow:4px 4px 4px 4px rgb(104, 104,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2344, 14.2737, 20.7438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 104, 123) }
```

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

```
.background{ background-color: rgb(104,  
104, 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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