

Converting Colors

XYZ(14.2670, 14.4579, 20.0422)

Have a look what the booklet for
XYZ(14.2670, 14.4579, 20.0422)
contains.

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Color

**XYZ(14.3285, 14.4869,
20.1302)**

Conversions

Conversions Part 1

Format	Color
Hex	696979
RGB	105, 105, 121
RGB Percent	41%, 41%, 47%
CMY	0.5882, 0.5882, 0.5255
CMYK	0.13, 0.13, 0.00, 0.53
HSL	240°, 7%, 44%
HSV	240°, 13%, 47%
XYZ	14.3285, 14.4869, 20.1302
YIQ	106.8240, -5.1360, 4.9760

Conversions

Conversions Part 2

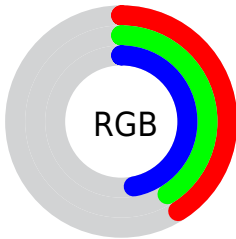
Format	Color
R_{YB}	105, 105, 121
Decimal	6908281
CIE _{Lab}	44.92, 3.51, -8.90
CIE _{LCh}	45, 9.562, 291.519
Yxy	14.4869, 0.2927, 0.2960
Android (android.graphics.Color)	4285098361 (0xFF696979)
YUV	106.8240, 6.9888, -1.5996
Hunter-Lab	38.0617, 0.5893, -4.7144

Details

The XYZ color **14.3285, 14.4869, 20.1302** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2725, 18.7596, 16.0756**, and the grayscale version is **13.9091, 14.6334, 15.9358**.

A 20% lighter version of the original color is **33.1416, 33.8620, 44.3244**, and **4.4277, 4.3935, 6.7456** is the 20% darker color. If you saturate the color by 10%, you get **11.8613, 11.5142, 19.6867**, and if you desaturate by 10%, it is **17.1742, 17.9158, 20.6423**.

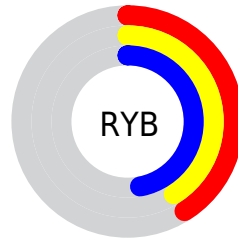
Distribution



Red (41%)

Green (41%)

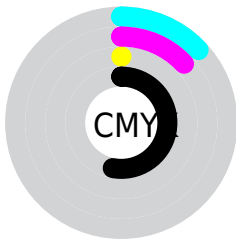
Blue (47%)



Red (41%)

Yellow (41%)

Blue (47%)

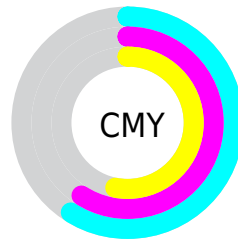


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (53%)



Cyan (59%)

Magenta (59%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3285, 14.4869, 20.1302 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 14.3285, 14.4869, 20.1302 by changing the saturation by 10% instead.

■ 14.3285, 14.4869,
20.1302

■ 14.3285, 14.4869,
20.1302

212.7349,
220.2392, 265.2466

■ 8.4327, 8.4601,
12.3047

■ 33.2522, 33.9505,
44.4972

■ 4.4272, 4.3907,
6.8265

■ 47.0108, 48.1561,
61.8758

■ 1.9465, 1.8944,
3.2770

■ 64.1211, 65.8567,
83.2758

■ 0.6037, 0.5450,
1.2378

■ 84.9484, 87.4367,
109.1159

■ 0.0000, 0.0000,
0.0100

109.8581,
113.2806, 139.8144

■ 0.0000, 0.0000,
0.0000

139.2155,

143.7727, 175.7900

173.3860,
179.2974, 217.4612

■ 14.3285, 14.4869,
20.1302

■ 14.3285, 14.4869,
20.1302

■ 11.8613, 11.5142,
19.6867

■ 17.1742, 17.9158,
20.6423

■ 9.7555, 8.9768,
19.3079

■ 20.4119, 21.8170,
21.2246

■ 7.9943, 6.8548,
18.9911

■ 24.0563, 26.2082,
21.8801

■ 6.5596, 5.1261,
18.7331

■ 28.1208, 31.1055,
22.6112

■ 5.4312, 3.7664,
18.5301

■ 32.6182, 36.5244,
23.4201

■ 4.5870, 2.7491,
18.3782

■ 37.5607, 42.4796,
24.3091

■ 4.0015, 2.0436,
18.2729

■ 42.9601, 48.9853,
25.2802

■ 3.6430, 1.6116,
18.2084

■ 48.8277, 56.0553,
26.3356

■ 3.4513, 1.3807,
18.1740

■ 55.1745, 63.7025,
27.4772

Harmonies

Analogous

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



13.5487, 14.4869, 20.4295



14.3285, 14.4869, 20.1302



14.9807, 14.4869, 18.6090

Triad

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



14.3285, 14.4869, 20.1302



14.7267, 14.4869, 12.6362



12.3346, 14.4869, 15.1470

Complementary

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



14.3285, 14.4869, 20.1302



17.2725, 18.7596, 16.0756

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.



12.6251, 14.4869, 13.2422



14.3285, 14.4869, 20.1302



13.9924, 14.4869, 11.8852

Square

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



14.3285, 14.4869, 20.1302



15.2166, 14.4869, 14.2458



13.2250, 14.4869, 12.0961



12.4169, 14.4869, 17.4072

Rectangle

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



14.3285, 14.4869, 20.1302



15.2458, 14.4869, 17.1791



13.2250, 14.4869, 12.0961



12.3915, 14.4869, 14.4473

Sweetspot

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



14.3289, 14.4875, 20.1305



30.2792, 31.5098, 36.8790



16.0982, 18.0522, 20.6397



6.8451, 7.1105, 8.4184



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.3289, 14.4875, 20.1305



24.1831, 24.1646, 35.7825



15.2789, 14.9771, 20.1749



3.7976, 3.8936, 4.9946



3.6986, 1.4796, 19.4759



17.6423, 7.0572, 92.9021

Inverse Universe

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



15.4869, 15.1884, 15.4807



26.7012, 25.6888, 25.6711



16.2319, 18.2234, 16.0270



3.9983, 4.0150, 4.1888



8.4502, 4.3562, 0.3957



40.3081, 20.7796, 1.8868

Previews

White Background



This preview shows how the XYZ color 14.3285, 14.4869, 20.1302 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 14.3285, 14.4869, 20.1302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

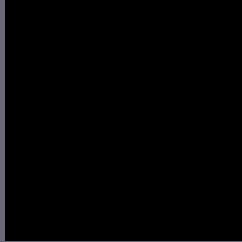
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3285, 14.4869, 20.1302

Background



This preview shows how black text looks on a background with the XYZ color 14.3285, 14.4869, 20.1302.



This preview shows how white text looks on a background with the XYZ color 14.3285, 14.4869,

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

14.3285, 14.4869, 20.1302

Protanopia

14.2117, 14.4267, 20.1248

Deuteranopia

14.7082, 14.5323, 20.1190



Tritanopia

13.9002, 14.4660, 17.9792

Trichromacy



Original Color

14.3285, 14.4869, 20.1302

Protanomaly

14.2117, 14.4267, 20.1248

Deuteranomaly

14.5858, 14.4693, 20.1132

Tritanomaly

14.0738, 14.5355, 18.8935

Monochromacy



Original Color

14.3285, 14.4869, 20.1302

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0225, 14.5421, 17.3971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3285, 14.4869, 20.1302 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(105, 105, 121)` looks like.

```
.text, #text, p{  
    color:rgb(105, 105, 121)  
}
```

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(105, 105, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 105, 121) }
```

Border

The CSS property to change the border of an element to XYZ 14.3285, 14.4869, 20.1302 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(105, 105, 121) }
```


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

```
.border{ border-color:rgb(105, 105, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 105, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 105, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 105, 121);  
box-shadow:4px 4px 4px 4px rgb(105, 105,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3285, 14.4869, 20.1302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 105, 121) }
```

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

```
.background{ background-color: rgb(105,  
105, 121) }
```

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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