

Converting Colors

XYZ(14.0518, 14.1054, 20.3842)

Have a look what the booklet for
XYZ(14.0518, 14.1054, 20.3842)
contains.

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Color

**XYZ(13.9566, 13.9892,
20.3769)**

Conversions

Conversions Part 1

Format	Color
Hex	67677A
RGB	103, 103, 122
RGB Percent	40%, 40%, 48%
CMY	0.5961, 0.5961, 0.5216
CMYK	0.16, 0.16, 0.00, 0.52
HSL	240°, 8%, 44%
HSV	240°, 16%, 48%
XYZ	13.9566, 13.9892, 20.3769
YIQ	105.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

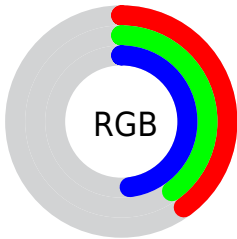
Format	Color
R_{YB}	103, 103, 122
Decimal	6776698
CIE _{Lab}	44.22, 4.23, -10.58
CIE _{LCh}	44, 11.389, 291.787
Yxy	13.9892, 0.2888, 0.2895
Android (android.graphics.Color)	4284966778 (0xFF67677A)
YUV	105.1660, 8.2992, -1.8996
Hunter-Lab	37.4021, 1.1535, -6.1200

Details

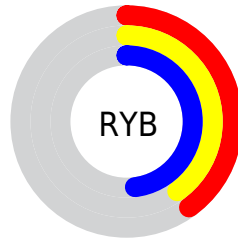
The XYZ color **13.9566, 13.9892, 20.3769** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4338, 19.0358, 15.5877**, and the grayscale version is **13.4520, 14.1525, 15.4121**.

A 20% lighter version of the original color is **32.5220, 33.0372, 44.7071**, and **4.2477, 4.1501, 6.8805** is the 20% darker color. If you saturate the color by 10%, you get **11.5320, 11.0678, 19.9410**, and if you desaturate by 10%, it is **16.7634, 17.3712, 20.8820**.

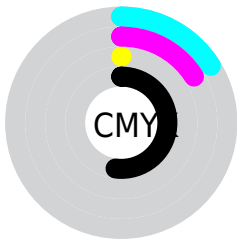
Distribution



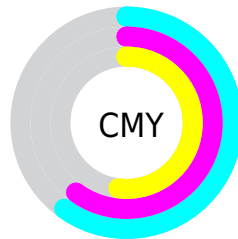
- Red (40%)
- Green (40%)
- Blue (48%)



- Red (40%)
- Yellow (40%)
- Blue (48%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (52%)



- Cyan (60%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9566, 13.9892, 20.3769 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 13.9566, 13.9892, 20.3769 by changing the saturation by 10% instead.

■ 13.9566, 13.9892,
20.3769

■ 13.9566, 13.9892,
20.3769

210.4767,
217.1636, 266.6197

■ 8.1720, 8.1132,
12.4825

■ 32.5989, 33.0699,
44.9154

■ 4.2579, 4.1674,
6.9467

■ 46.1873, 47.0433,
62.3967

■ 1.8491, 1.7677,
3.3508

■ 63.1077, 64.4846,
83.9106

■ 0.5470, 0.4669,
1.2764

■ 83.7254, 85.7782,
109.8758

■ 0.0000, 0.0000,
0.0424

108.4058,
111.3085, 140.7107

■ 0.0000, 0.0000,
0.0000

137.5143,

141.4599, 176.8340

171.4161,
176.6168, 218.6641

■ 13.9566, 13.9892,
20.3769

■ 13.9566, 13.9892,
20.3769

■ 11.5320, 11.0678,
19.9410

■ 16.7634, 17.3712,
20.8820

■ 9.4718, 8.5854,
19.5705

■ 19.9664, 21.2305,
21.4581

■ 7.7587, 6.5213,
19.2623

■ 23.5808, 25.5855,
22.1082

■ 6.3738, 4.8525,
19.0132

■ 27.6203, 30.4527,
22.8347

■ 5.2960, 3.5538,
18.8194

■ 32.0982, 35.8481,
23.6402

■ 4.5019, 2.5970,
18.6765

■ 37.0270, 41.7869,
24.5267

■ 3.9650, 1.9500,
18.5799

■ 42.4190, 48.2837,
25.4965

■ 3.6392, 1.5574,
18.5213

■ 48.2858, 55.3525,
26.5517

■ 3.5130, 1.4054,
18.4986

■ 54.6386, 63.0070,
27.6943

Harmonies

Analogous

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



13.0478, 13.9892, 20.7515



13.9566, 13.9892, 20.3769



14.7195, 13.9892, 18.5479

Triad

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



13.9566, 13.9892, 20.3769



14.4087, 13.9892, 11.6229



11.6381, 13.9892, 14.5269

Complementary

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



13.9566, 13.9892, 20.3769



17.4338, 19.0358, 15.5877

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.



11.9679, 13.9892, 12.3366



13.9566, 13.9892, 20.3769



13.5479, 13.9892, 10.7896

Square

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



13.9566, 13.9892, 20.3769



14.9888, 13.9892, 13.4460



12.6572, 13.9892, 11.0351



11.7363, 13.9892, 17.1692

Rectangle

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



13.9566, 13.9892, 20.3769



15.0292, 13.9892, 16.8530



12.6572, 13.9892, 11.0351



11.7020, 13.9892, 13.7182

Sweetspot

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



13.9570, 13.9898, 20.3772



29.7313, 30.8498, 36.7805



16.0465, 18.2001, 20.9771



6.7302, 6.9720, 8.3977



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.



13.9570, 13.9898, 20.3772



22.8189, 22.5208, 35.5372



15.0688, 14.5627, 20.4292



3.7977, 3.8936, 4.9946



3.6986, 1.4796, 19.4759



17.6423, 7.0573, 92.9021

Inverse Universe

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



15.3248, 14.8177, 14.8850



25.7478, 24.2937, 23.7760



16.1944, 18.3971, 15.5297



3.9983, 4.0150, 4.1888



8.4502, 4.3562, 0.3957



40.3082, 20.7796, 1.8869

Previews

White Background



This preview shows how the XYZ color 13.9566, 13.9892, 20.3769 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 13.9566, 13.9892, 20.3769 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 13.9566, 13.9892, 20.3769

Background



This preview shows how black text looks on a background with the XYZ color 13.9566, 13.9892, 20.3769.



This preview shows how white text looks on a background with the XYZ color 13.9566, 13.9892,

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

13.9566, 13.9892, 20.3769

Protanopia

13.8300, 14.0725, 20.3997

Deuteranopia

14.2081, 13.9721, 20.3604



Tritanopia

13.3990, 14.0621, 17.6308

Trichromacy



Original Color

13.9566, 13.9892, 20.3769

Protanomaly

13.9427, 14.1306, 20.4050

Deuteranomaly

14.0899, 13.9111, 20.3549

Tritanomaly

13.5822, 13.9864, 18.5068

Monochromacy



Original Color

13.9566, 13.9892, 20.3769

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5285, 13.9914, 17.0265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9566, 13.9892, 20.3769 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(103, 103, 122)` looks like.

```
.text, #text, p{  
    color:rgb(103, 103, 122)  
}
```

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(103, 103, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 103, 122) }
```

Border

The CSS property to change the border of an element to XYZ 13.9566, 13.9892, 20.3769 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(103, 103, 122) }
```


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

```
.border{ border-color:rgb(103, 103, 122) }
```

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

Here you see how a box with a 4 pixel rgb(103, 103, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 103, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 103, 122);  
box-shadow:4px 4px 4px 4px rgb(103, 103,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9566, 13.9892, 20.3769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 103, 122) }
```

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

```
.background{ background-color: rgb(103,  
103, 122) }
```

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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