

Converting Colors

XYZ(19.3849, 14.2544, 6.5802)

Have a look what the booklet for
XYZ(19.3849, 14.2544, 6.5802)
contains.

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Color

**XYZ(19.3849, 14.2544,
6.5802)**

Conversions

Conversions Part 1

Format	Color
Hex	A55140
RGB	165, 81, 64
RGB Percent	65%, 32%, 25%
CMY	0.3529, 0.6823, 0.7490
CMYK	0.00, 0.51, 0.61, 0.35
HSL	10°, 44%, 45%
HSV	10°, 61%, 65%
XYZ	19.3849, 14.2544, 6.5802
YIQ	104.1780, 55.5210, 12.5210

Conversions

Conversions Part 2

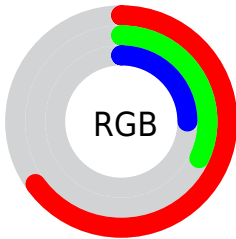
Format	Color
RYB	165, 84, 64
Decimal	10834240
CIELab	44.60, 33.13, 25.99
CIElCh	45, 42.105, 38.116
Yxy	14.2544, 0.4820, 0.3544
Android (android.graphics.Color)	4289024320 (0xFFA55140)
YUV	104.1780, -19.8078, 53.3409
Hunter-Lab	37.7550, 25.5777, 16.0950

Details

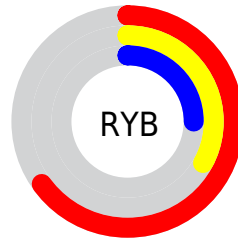
The XYZ color **19.3849, 14.2544, 6.5802** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **19.4950, 24.9848, 39.3921**, and the grayscale version is **13.2473, 13.9372, 15.1776**.

A 20% lighter version of the original color is **41.9164, 33.5197, 19.5899**, and **6.8362, 4.2753, 1.1744** is the 20% darker color. If you saturate the color by 10%, you get **18.0643, 12.2567, 4.1563**, and if you desaturate by 10%, it is **21.0512, 16.7213, 9.8049**.

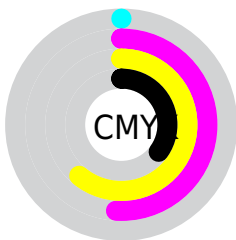
Distribution



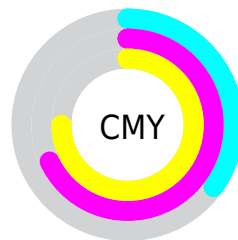
- Red (65%)
- Green (32%)
- Blue (25%)



- Red (65%)
- Yellow (33%)
- Blue (25%)



- Cyan (0%)
- Magenta (51%)
- Yellow (61%)
- Black (35%)





- Cyan (35%)
- Magenta (68%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3849, 14.2544, 6.5802 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 19.3849, 14.2544, 6.5802 by changing the saturation by 10% instead.


 19.3849, 14.2544,
6.5802


 19.3849, 14.2544,
6.5802


241.4630,
218.8078, 173.6248


 12.0544, 8.2978,
3.1265


 41.8953, 33.5397,
19.6218


 6.8532, 4.2861,
1.1596


 57.8060, 47.6373,
30.0469


 3.4160, 1.8349,
0.0000

 77.3074, 65.2173,
43.6329

 1.3774, 0.5088,
0.0000

 100.7649, 86.6641,
60.7983

 0.2400, 0.0000,
0.0000

 128.5438,
112.3622, 81.9616

 0.0000, 0.0000,
0.0000

 161.0096,

142.6959, 107.5414

198.5275,
178.0496, 137.9563

■ 19.3849, 14.2544,
6.5802

■ 19.3849, 14.2544,
6.5802

■ 18.0643, 12.2567,
4.1563

■ 21.0512, 16.7213,
9.8049

■ 17.0631, 10.6959,
2.4616

■ 23.0848, 19.6826,
13.8919

■ 16.3531, 9.5392,
1.4129

■ 25.5065, 23.1641,
18.8978

■ 15.9270, 8.8194,
0.8629

■ 28.3354, 27.1893,
24.8740

■ 31.5894, 31.7803,
31.8681

■ 35.2850, 36.9580,
39.9246

■ 39.4382, 42.7419,
49.0852

■ 44.0639, 49.1510,
59.3896

■ 49.1765, 56.2033,
70.8754

Harmonies

Analogous

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



21.1253, 14.2544, 13.0193



19.3849, 14.2544, 6.5802



16.1403, 14.2544, 3.8079

Triad

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



19.3849, 14.2544, 6.5802



8.3325, 14.2544, 9.5244



14.4946, 14.2544, 42.4954

Complementary

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



19.3849, 14.2544, 6.5802



19.4950, 24.9848, 39.3921

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.



11.2500, 14.2544, 40.2573



19.3849, 14.2544, 6.5802



8.0419, 14.2544, 18.3234

Square

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



19.3849, 14.2544, 6.5802



9.8931, 14.2544, 4.9434



9.0195, 14.2544, 30.2238



18.0086, 14.2544, 35.4603

Rectangle

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



19.3849, 14.2544, 6.5802



13.7649, 14.2544, 3.3058



9.0195, 14.2544, 30.2238



13.3341, 14.2544, 42.8444

Sweetspot

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



19.3852, 14.2552, 6.5805



52.3470, 50.9582, 47.9668



22.7089, 13.8096, 29.5547



11.1069, 10.6633, 9.7658



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.3852, 14.2552, 6.5805



31.7323, 20.9957, 6.3610



24.6035, 24.6917, 8.3199



7.1657, 7.2698, 7.4056



12.0753, 6.7245, 0.6615



0.2793, 0.1924, 0.0224

Inverse Universe

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



19.4950, 24.9848, 39.3921



31.8546, 41.6722, 70.1170



13.2425, 12.4798, 37.3080



7.1742, 7.8073, 9.0319



11.9604, 15.7003, 29.3299



0.2766, 0.3805, 0.6247

Previews

White Background



This preview shows how the XYZ color 19.3849, 14.2544, 6.5802 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 19.3849, 14.2544, 6.5802 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 19.3849, 14.2544, 6.5802

Background



This preview shows how black text looks on a background with the XYZ color 19.3849, 14.2544, 6.5802.



This preview shows how white text looks on a background with the XYZ color 19.3849, 14.2544,

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

19.3849, 14.2544, 6.5802

Protanopia

13.4603, 14.4473, 8.5577

Deuteranopia

14.5226, 14.3007, 6.2699



Tritanopia

20.0505, 14.1959, 10.0708

Trichromacy



Original Color

19.3849, 14.2544, 6.5802

Protanomaly

15.0531, 13.9781, 7.6990

Deuteranomaly

16.0003, 14.0931, 6.2918

Tritanomaly

19.8614, 14.2348, 8.7220

Monochromacy



Original Color

19.3849, 14.2544, 6.5802

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.5902, 13.5226, 11.2923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3849, 14.2544, 6.5802 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(165, 81, 64)` looks like.

```
.text, #text, p{  
    color:rgb(165, 81, 64)  
}
```

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(165, 81, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 81, 64) }
```

Border

The CSS property to change the border of an element to XYZ 19.3849, 14.2544, 6.5802 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(165, 81, 64) }
```


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

```
.border{ border-color:rgb(165, 81, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 81, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 81, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 81, 64);  
box-shadow:4px 4px 4px 4px rgb(165, 81,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3849, 14.2544, 6.5802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 81, 64) }
```

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

```
.background{ background-color: rgb(165, 81,  
64) }
```

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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