

Converting Colors

XYZ(14.5395, 19.8386, 17.2482)

Have a look what the booklet for
XYZ(14.5395, 19.8386, 17.2482)
contains.

XYZ(14.5401, 19.8384, 17.2502)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.5401, 19.8384,
17.2502)**

Conversions

Conversions Part 1

Format	Color
Hex	50866C
RGB	80, 134, 108
RGB Percent	31%, 53%, 42%
CMY	0.6863, 0.4745, 0.5765
CMYK	0.40, 0.00, 0.19, 0.47
HSL	151°, 25%, 42%
HSV	151°, 40%, 53%
XYZ	14.5401, 19.8384, 17.2502
YIQ	114.8900, -23.8380, -19.5340

Conversions

Conversions Part 2

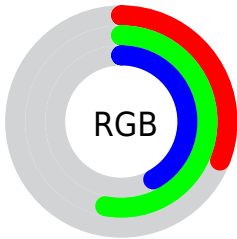
Format	Color
R_{YB}	80, 116, 134
Decimal	5277292
CIE _{Lab}	51.65, -24.20, 8.42
CIE _{LCh}	52, 25.625, 160.806
Yxy	19.8384, 0.2816, 0.3843
Android (android.graphics.Color)	4283467372 (0xFF50866C)
YUV	114.8900, -3.3968, -30.5985
Hunter-Lab	44.5403, -19.6746, 8.2156

Details

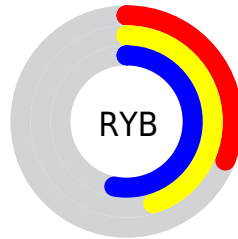
The XYZ color **14.5401, 19.8384, 17.2502** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.3023, 11.8466, 15.1164**, and the grayscale version is **16.2779, 17.1256, 18.6498**.

A 20% lighter version of the original color is **33.7569, 43.3752, 39.3940**, and **4.5480, 6.9536, 5.5173** is the 20% darker color. If you saturate the color by 10%, you get **13.1889, 19.1806, 15.4605**, and if you desaturate by 10%, it is **16.1435, 20.6244, 19.1852**.

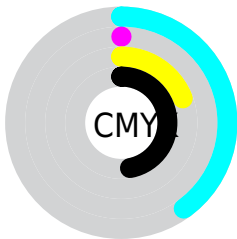
Distribution



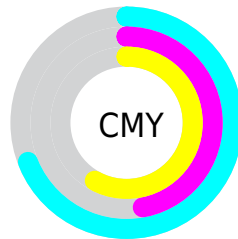
- Red (31%)
- Green (53%)
- Blue (42%)



- Red (31%)
- Yellow (45%)
- Blue (53%)



- Cyan (40%)
- Magenta (0%)
- Yellow (19%)
- Black (47%)



- Cyan (69%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5401, 19.8384, 17.2502 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 14.5401, 19.8384, 17.2502 by changing the saturation by 10% instead.

■ 14.5401, 19.8384,
17.2502

■ 14.5401, 19.8384,
17.2502

214.0095,
251.0389, 248.7027

■ 8.5815, 12.2776,
10.2492

■ 33.6227, 43.1461,
39.5520

■ 4.5241, 6.9331,
5.4567

■ 47.4773, 59.6618,
55.6899

■ 2.0027, 3.4203,
2.4543

■ 64.6946, 79.9313,
75.7104

■ 0.6355, 1.3549,
0.8158

■ 85.6400, 104.3389,
100.0322

■ 0.0000, 0.1831,
0.0000

■ 110.6789,
133.2691, 129.0738

■ 0.0000, 0.0000,
0.0000

140.1765,

167.1062, 163.2537

174.4982,
206.2347, 202.9905

■ 14.5401, 19.8384,
17.2502

■ 14.5401, 19.8384,
17.2502

■ 13.1889, 19.1806,
15.4605

■ 16.1435, 20.6244,
19.1852

■ 12.0742, 18.6413,
13.8113

■ 18.0104, 21.5426,
21.2677

■ 11.1811, 18.2134,
12.2994

■ 20.1533, 22.6001,
23.5011

■ 10.4921, 17.8880,
10.9209

■ 22.5835, 23.8026,
25.8888

■ 9.9870, 17.6547,
9.6716

■ 25.3114, 25.1554,
28.4337

■ 9.6147, 17.4867,
8.5774

■ 28.3473, 26.6637,
31.1388

■ 31.7006, 28.3324,
34.0069

■ 35.3805, 30.1661,
37.0408

■ 39.3957, 32.1693,
40.2432

Harmonies

Analogous

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



15.7903, 19.8384, 12.5175



14.5401, 19.8384, 17.2502



14.3824, 19.8384, 24.3812

Triad

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



14.5401, 19.8384, 17.2502



19.8032, 19.8384, 38.8189



22.8742, 19.8384, 13.5690

Complementary

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



14.5401, 19.8384, 17.2502



15.3023, 11.8466, 15.1164

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.



24.1721, 19.8384, 19.0400



14.5401, 19.8384, 17.2502



22.2944, 19.8384, 34.2675

Square

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



14.5401, 19.8384, 17.2502



17.2683, 19.8384, 38.0278



23.9507, 19.8384, 26.6272



20.5377, 19.8384, 10.7524

Rectangle

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



14.5401, 19.8384, 17.2502



14.9005, 19.8384, 29.7425



23.9507, 19.8384, 26.6272



23.4556, 19.8384, 15.0993

Sweetspot

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



14.5406, 19.8392, 17.2507



34.7254, 39.4315, 40.6104



15.9294, 20.7006, 10.7456



7.7313, 8.8381, 9.0547



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.5406, 19.8392, 17.2507



23.5093, 33.9253, 27.6171



16.0132, 20.2300, 25.6161



4.7096, 5.2421, 5.4820



9.0154, 16.3890, 8.0666



0.0349, 0.0583, 0.0474

Inverse Universe

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



15.3023, 11.8466, 15.1164



25.0382, 17.8889, 23.3382



14.2150, 11.5179, 9.0635



4.7590, 4.7233, 5.3433



10.1002, 5.1044, 5.0998



0.0386, 0.0191, 0.0369

Previews

White Background



This preview shows how the XYZ color 14.5401, 19.8384, 17.2502 looks on a white 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

Black Background



This preview shows how the XYZ color 14.5401, 19.8384, 17.2502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

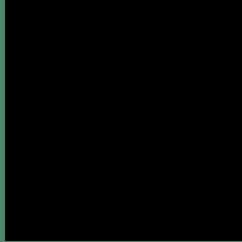
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.5401, 19.8384, 17.2502

Background



This preview shows how black text looks on a background with the XYZ color 14.5401, 19.8384, 17.2502.



This preview shows how white text looks on a background with the XYZ color 14.5401, 19.8384,

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

14.5401, 19.8384, 17.2502

Protanopia

18.4111, 19.5455, 15.3727

Deuteranopia

19.9951, 19.5935, 17.7670



Tritanopia

16.7408, 19.9334, 27.7761

Trichromacy



Original Color

14.5401, 19.8384, 17.2502

Protanomaly

16.5151, 19.3007, 15.9517

Deuteranomaly

17.4933, 19.3926, 17.5730

Tritanomaly

15.7589, 19.7224, 23.3983

Monochromacy



Original Color

14.5401, 19.8384, 17.2502

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.3637, 17.9137, 17.9772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5401, 19.8384, 17.2502 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(80, 134, 108)` looks like.

```
.text, #text, p{  
    color:rgb(80, 134, 108)  
}
```

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(80, 134, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 134, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.5401, 19.8384, 17.2502 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(80, 134, 108) }
```


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

```
.border{ border-color:rgb(80, 134, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 134, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 134, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 134, 108);  
box-shadow:4px 4px 4px 4px rgb(80, 134,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5401, 19.8384, 17.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 134, 108) }
```

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

```
.background{ background-color: rgb(80, 134,  
108) }
```

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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