

Converting Colors

XYZ(14.4975, 19.1904, 24.6743)

Have a look what the booklet for
XYZ(14.4975, 19.1904, 24.6743)
contains.

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Color

**XYZ(14.5305, 19.2585,
24.7812)**

Conversions

Conversions Part 1

Format	Color
Hex	408484
RGB	64, 132, 132
RGB Percent	25%, 52%, 52%
CMY	0.7490, 0.4823, 0.4823
CMYK	0.52, 0.00, 0.00, 0.48
HSL	180°, 35%, 38%
HSV	180°, 52%, 52%
XYZ	14.5305, 19.2585, 24.7812
YIQ	111.6680, -40.5280, -14.4160

Conversions

Conversions Part 2

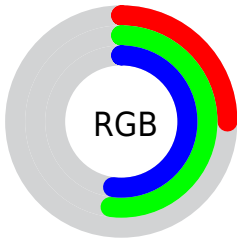
Format	Color
R_{YB}	64, 98, 132
Decimal	4228228
CIE _{Lab}	50.99, -21.39, -6.61
CIE _{LCh}	51, 22.389, 197.179
Yxy	19.2585, 0.2481, 0.3288
Android (android.graphics.Color)	4282418308 (0xFF408484)
YUV	111.6680, 10.0237, -41.8048
Hunter-Lab	43.8845, -17.6952, -2.7614

Details

The XYZ color **14.5305, 19.2585, 24.7812** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **12.2752, 8.9431, 5.9304**, and the grayscale version is **15.2846, 16.0806, 17.5117**.

A 20% lighter version of the original color is **33.5771, 42.0523, 52.2461**, and **4.5786, 6.6591, 9.2276** is the 20% darker color. If you saturate the color by 10%, you get **13.7718, 18.8678, 24.7460**, and if you desaturate by 10%, it is **15.4935, 19.7554, 24.8268**.

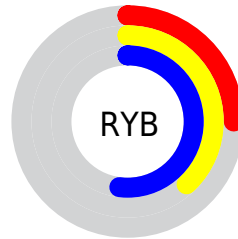
Distribution



Red (25%)

Green (52%)

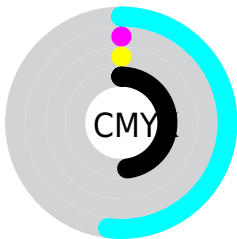
Blue (52%)



Red (25%)

Yellow (38%)

Blue (52%)

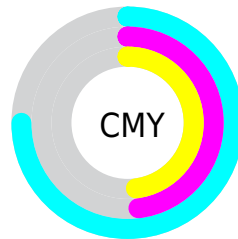


Cyan (52%)

Magenta (0%)

Yellow (0%)

Black (48%)



Cyan (75%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5305, 19.2585, 24.7812 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 14.5305, 19.2585, 24.7812 by changing the saturation by 10% instead.

■ 14.5305, 19.2585,
24.7812

■ 14.5305, 19.2585,
24.7812

213.9518,
247.8721, 290.1593

■ 8.5747, 11.8572,
15.6966

■ 33.6059, 42.1704,
52.2618

■ 4.5197, 6.6465,
9.1577

■ 47.4562, 58.4499,
71.4948

■ 2.0001, 3.2420,
4.7460

■ 64.6687, 78.4575,
94.9477

■ 0.6340, 1.2594,
2.0429

■ 85.6087, 102.5777,
123.0390

■ 0.0000, 0.1094,
0.5815

■ 110.6417,
131.1949, 156.1873

■ 0.0000, 0.0000,
0.0000

140.1330,

164.6934, 194.8110

174.4479,
203.4577, 239.3289

■ 14.5305, 19.2585,
24.7812

■ 14.5305, 19.2585,
24.7812

■ 13.7718, 18.8678,
24.7460

■ 15.4935, 19.7554,
24.8268

■ 13.2012, 18.5737,
24.7192

■ 16.6724, 20.3631,
24.8821

■ 12.8028, 18.3683,
24.7005

■ 18.0796, 21.0886,
24.9480

■ 12.5571, 18.2416,
24.6889

■ 19.7264, 21.9375,
25.0252

■ 12.4164, 18.1691,
24.6822

■ 21.6232, 22.9154,
25.1141

■ 23.7798, 24.0271,
25.2151

■ 26.2055, 25.2776,
25.3287

■ 28.9090, 26.6713,
25.4554

■ 31.8989, 28.2127,
25.5954

Harmonies

Analogous

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



14.4588, 19.2585, 18.3779



14.5305, 19.2585, 24.7812



15.5603, 19.2585, 31.2458

Triad

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



14.5305, 19.2585, 24.7812



21.6088, 19.2585, 30.3981



19.2658, 19.2585, 11.1845

Complementary

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



14.5305, 19.2585, 24.7812



12.2752, 8.9431, 5.9304

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.



21.3541, 19.2585, 13.2362



14.5305, 19.2585, 24.7812



22.7783, 19.2585, 23.7933

Square

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



14.5305, 19.2585, 24.7812



19.5913, 19.2585, 34.9107



22.6815, 19.2585, 17.5697



17.0756, 19.2585, 11.3431

Rectangle

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



14.5305, 19.2585, 24.7812



16.7023, 19.2585, 34.3372



22.6815, 19.2585, 17.5697



20.0063, 19.2585, 11.6179

Sweetspot

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



14.5311, 19.2592, 24.7817



33.5872, 38.0437, 44.0258



11.3661, 18.0019, 7.7266



7.6974, 8.7943, 10.2444



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.



14.5311, 19.2592, 24.7817



24.0456, 33.1248, 43.5784



10.7543, 11.7056, 23.5232



4.8016, 5.2789, 5.9666



12.0217, 17.5915, 23.8976



0.0416, 0.0609, 0.0828

Inverse Universe

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



12.2752, 8.9431, 5.9304



19.5998, 12.7936, 6.4261



14.7042, 13.8012, 6.7399



4.6726, 4.6887, 4.8881



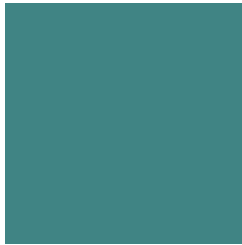
9.2136, 4.7498, 0.4313



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 14.5305, 19.2585, 24.7812 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 14.5305, 19.2585, 24.7812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

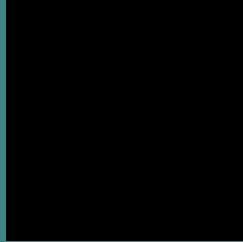
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.5305, 19.2585, 24.7812

Background



This preview shows how black text looks on a background with the XYZ color 14.5305, 19.2585, 24.7812.



This preview shows how white text looks on a background with the XYZ color 14.5305, 19.2585,

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

14.5305, 19.2585, 24.7812

Protanopia

18.4442, 19.0512, 22.1072

Deuteranopia

19.4558, 19.1418, 25.5910



Tritanopia

15.2388, 19.3490, 28.1309

Trichromacy



Original Color

14.5305, 19.2585, 24.7812

Protanomaly

16.4708, 18.7405, 23.1713

Deuteranomaly

16.9796, 18.7707, 25.2824

Tritanomaly

14.9505, 19.2258, 26.9677

Monochromacy



Original Color

14.5305, 19.2585, 24.7812

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.6459, 16.9585, 19.9542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5305, 19.2585, 24.7812 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(64, 132, 132)` looks like.

```
.text, #text, p{  
  color:rgb(64, 132, 132)  
}
```

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(64, 132, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 132, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.5305, 19.2585, 24.7812 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(64, 132, 132) }
```


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

```
.border{ border-color:rgb(64, 132, 132) }
```

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

Here you see how a box with a 4 pixel rgb(64, 132, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 132, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 132, 132);  
box-shadow:4px 4px 4px 4px rgb(64, 132,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5305, 19.2585, 24.7812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 132, 132) }
```

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

```
.background{ background-color: rgb(64, 132,  
132) }
```

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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