

Converting Colors

XYZ(24.5093, 28.8221, 30.4298)

Have a look what the booklet for
XYZ(24.5093, 28.8221, 30.4298)
contains.

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Color

**XYZ(24.3545, 28.6506,
30.2331)**

Conversions

Conversions Part 1

Format	Color
Hex	7B988F
RGB	123, 152, 143
RGB Percent	48%, 60%, 56%
CMY	0.5176, 0.4039, 0.4392
CMYK	0.19, 0.00, 0.06, 0.40
HSL	161°, 12%, 54%
HSV	161°, 19%, 60%
XYZ	24.3545, 28.6506, 30.2331
YIQ	142.3030, -14.3950, -8.9470

Conversions

Conversions Part 2

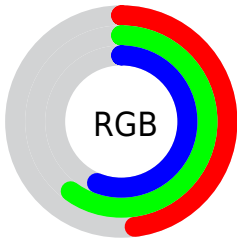
Format	Color
R_{YB}	123, 140, 152
Decimal	8099983
CIE _{Lab}	60.47, -12.04, 1.37
CIE _{LCh}	60, 12.121, 173.509
Yxy	28.6506, 0.2926, 0.3442
Android (android.graphics.Color)	4286290063 (0xFF7B988F)
YUV	142.3030, 0.3436, -16.9287
Hunter-Lab	53.5263, -12.4533, 3.9798

Details

The XYZ color **24.3545, 28.6506, 30.2331** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.1977, 22.5079, 24.9000**, and the grayscale version is **25.8345, 27.1799, 29.5990**.

A 20% lighter version of the original color is **50.0538, 57.4039, 61.2653**, and **9.4535, 11.5535, 12.0877** is the 20% darker color. If you saturate the color by 10%, you get **21.9969, 27.4764, 28.2964**, and if you desaturate by 10%, it is **27.0664, 30.0073, 32.2660**.

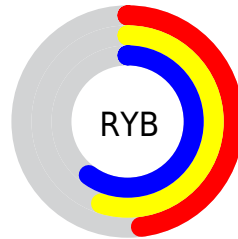
Distribution



Red (48%)

Green (60%)

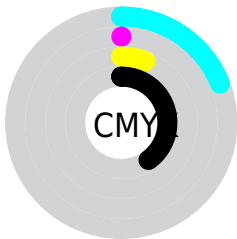
Blue (56%)



Red (48%)

Yellow (55%)

Blue (60%)

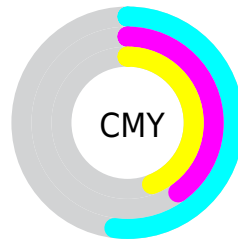


Cyan (19%)

Magenta (0%)

Yellow (6%)

Black (40%)



Cyan (52%)

Magenta (40%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3545, 28.6506, 30.2331 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 24.3545, 28.6506, 30.2331 by changing the saturation by 10% instead.

■ 24.3545, 28.6506,
30.2331

■ 24.3545, 28.6506,
30.2331

267.0152,
295.5628, 317.2305

■ 15.7230, 18.8167,
19.7620

■ 50.0586, 57.5215,
61.0960

■ 9.4179, 11.5379,
12.0398

■ 67.8618, 77.3272,
82.3249

■ 5.0741, 6.4298,
6.6479

■ 89.4529, 101.2257,
107.9768

■ 2.3260, 3.1082,
3.1678

115.1974,
129.6013, 138.4702

■ 0.8079, 1.1885,
1.1810

145.4605,
162.8384, 174.2238

■ 0.0000, 0.0523,
0.0000

180.6076,

■ 0.0000, 0.0000,

201.3214, 215.6560

0.0000

221.0040,
245.4348, 263.1854

■ 24.3545, 28.6506,
30.2331

■ 24.3545, 28.6506,
30.2331

■ 21.9969, 27.4764,
28.2964

■ 27.0664, 30.0073,
32.2660

■ 19.9754, 26.4730,
26.4525

■ 30.1450, 31.5504,
34.3949

■ 18.2740, 25.6329,
24.7000

■ 33.6048, 33.2883,
36.6220

■ 16.8742, 24.9467,
23.0373

■ 37.4590, 35.2277,
38.9489

■ 15.7555, 24.4037,
21.4623

■ 41.7200, 37.3750,
41.3768

■ 14.8951, 23.9922,
19.9729

■ 46.3999, 39.7364,
43.9075

■ 14.2659, 23.6983,
18.5669

■ 51.5100, 42.3177,
46.5421

■ 13.8093, 23.4918,
17.2403

■ 57.0613, 45.1246,
49.2820

■ 13.7695, 23.4738,
17.1219

■ 61.2748, 47.2400,
52.0450

Harmonies

Analogous

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



24.8872, 28.6506, 26.3539



24.3545, 28.6506, 30.2331



24.5687, 28.6506, 34.7548

Triad

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



24.3545, 28.6506, 30.2331



28.4475, 28.6506, 39.7686



29.0574, 28.6506, 24.7776

Complementary

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



24.3545, 28.6506, 30.2331



24.1977, 22.5079, 24.9000

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.



30.0801, 28.6506, 27.8882



24.3545, 28.6506, 30.2331



29.7187, 28.6506, 36.5968

Square

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



24.3545, 28.6506, 30.2331



26.8933, 28.6506, 40.5483



30.3267, 28.6506, 32.1784



27.5726, 28.6506, 23.4045

Rectangle

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



24.3545, 28.6506, 30.2331



25.1104, 28.6506, 37.5015



30.3267, 28.6506, 32.1784



29.4689, 28.6506, 25.6395

Sweetspot

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



24.3553, 28.6518, 30.2337



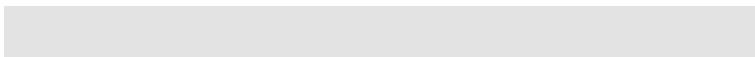
49.3142, 53.7353, 58.0456



24.3487, 28.8081, 23.0164



11.1384, 12.1782, 13.1437



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.3553, 28.6518, 30.2337



41.0946, 49.6266, 51.8492



24.2213, 27.2481, 33.6900



6.3029, 6.9939, 7.5185



11.5592, 19.6871, 14.4310



0.1889, 0.3008, 0.3006

Inverse Universe

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



24.1977, 22.5079, 24.9000



40.7636, 36.7012, 40.6318



24.2855, 23.6273, 22.0197



6.2838, 6.2527, 6.8748



11.3033, 5.7755, 2.8561



0.1840, 0.0924, 0.1218

Previews

White Background



This preview shows how the XYZ color 24.3545, 28.6506, 30.2331 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 24.3545, 28.6506, 30.2331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

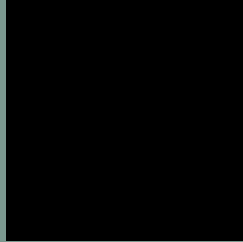
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3545, 28.6506, 30.2331

Background



This preview shows how black text looks on a background with the XYZ color 24.3545, 28.6506, 30.2331.



This preview shows how white text looks on a background with the XYZ color 24.3545, 28.6506,

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

24.3545, 28.6506, 30.2331

Protanopia

27.3633, 28.5989, 28.5040

Deuteranopia

28.9338, 28.4650, 30.7574



Tritanopia

25.7847, 28.5037, 37.8610

Trichromacy



Original Color

24.3545, 28.6506, 30.2331

Protanomaly

26.1387, 28.6487, 28.9630

Deuteranomaly

27.0135, 28.3754, 30.4388

Tritanomaly

25.1965, 28.5058, 34.7460

Monochromacy



Original Color

24.3545, 28.6506, 30.2331

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.1530, 27.6617, 29.6047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3545, 28.6506, 30.2331 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(123, 152, 143)` looks like.

```
.text, #text, p{  
    color:rgb(123, 152, 143)  
}
```

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(123, 152, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 152, 143) }
```

Border

The CSS property to change the border of an element to XYZ 24.3545, 28.6506, 30.2331 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(123, 152, 143) }
```


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

```
.border{ border-color:rgb(123, 152, 143) }
```

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

Here you see how a box with a 4 pixel rgb(123, 152, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 152, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 152, 143);  
box-shadow:4px 4px 4px 4px rgb(123, 152,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3545, 28.6506, 30.2331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 152, 143) }
```

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

```
.background{ background-color: rgb(123,  
152, 143) }
```

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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