

Converting Colors

XYZ(24.8653, 29.1927, 28.6781)

Have a look what the booklet for
XYZ(24.8653, 29.1927, 28.6781)
contains.

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Color

**XYZ(24.9535, 29.2357,
28.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	80998B
RGB	128, 153, 139
RGB Percent	50%, 60%, 55%
CMY	0.4980, 0.4000, 0.4549
CMYK	0.16, 0.00, 0.09, 0.40
HSL	146°, 11%, 55%
HSV	146°, 16%, 60%
XYZ	24.9535, 29.2357, 28.7540
YIQ	143.9290, -10.4060, -9.6540

Conversions

Conversions Part 2

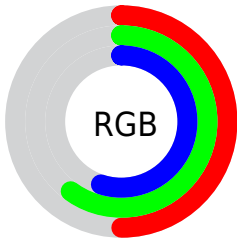
Format	Color
R_{YB}	128, 145, 153
Decimal	8427915
CIE _{Lab}	60.99, -11.69, 4.43
CIE _{LCh}	61, 12.499, 159.264
Yxy	29.2357, 0.3009, 0.3525
Android (android.graphics.Color)	4286617995 (0xFF80998B)
YUV	143.9290, -2.4300, -13.9697
Hunter-Lab	54.0700, -12.2443, 6.3191

Details

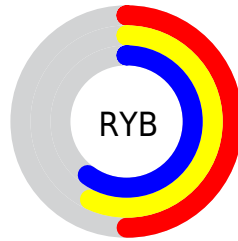
The XYZ color **24.9535, 29.2357, 28.7540** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.7395, 24.1643, 28.9000**, and the grayscale version is **26.4938, 27.8735, 30.3542**.

A 20% lighter version of the original color is **50.8833, 58.2552, 58.4317**, and **9.7790, 11.8863, 11.2301** is the 20% darker color. If you saturate the color by 10%, you get **22.2218, 27.8978, 25.4853**, and if you desaturate by 10%, it is **28.0830, 30.7746, 32.2988**.

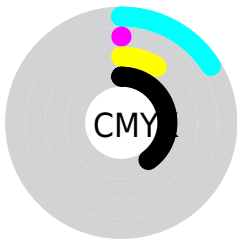
Distribution



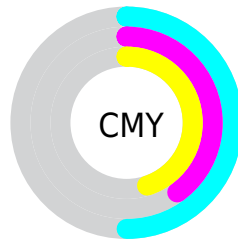
- Red (50%)
- Green (60%)
- Blue (55%)



- Red (50%)
- Yellow (57%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)



- Cyan (50%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9535, 29.2357, 28.7540 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 24.9535, 29.2357, 28.7540 by changing the saturation by 10% instead.

■ 24.9535, 29.2357,
28.7540

■ 24.9535, 29.2357,
28.7540

269.9582,
298.3254, 310.0770

■ 16.1710, 19.2592,
18.6508

■ 51.0252, 58.4514,
58.7235

■ 9.7368, 11.8577,
11.2440

■ 69.0451, 78.4593,
79.4270

■ 5.2857, 6.6469,
6.1150

■ 90.8748, 102.5798,
104.5009

■ 2.4523, 3.2423,
2.8452

116.8797,
131.1974, 134.3639

■ 0.8713, 1.2595,
1.0161

147.4251,
164.6963, 169.4344

■ 0.0000, 0.1095,
0.0000

182.8765,

■ 0.0000, 0.0000,

203.4611, 210.1311

0.0000

223.5990,
247.8760, 256.8725

■ 24.9535, 29.2357,
28.7540

■ 24.9535, 29.2357,
28.7540

■ 22.2218, 27.8978,
25.4853

■ 28.0830, 30.7746,
32.2988

■ 19.8687, 26.7487,
22.4840

■ 31.6235, 32.5188,
36.1241

■ 17.8775, 25.7808,
19.7440

■ 35.5904, 34.4769,
40.2367

■ 16.2286, 24.9841,
17.2581

■ 39.9978, 36.6561,
44.6425

■ 14.9009, 24.3478,
15.0188

■ 44.8591, 39.0630,
49.3474

■ 13.8708, 23.8600,
13.0180

■ 50.1869, 41.7043,
54.3569

■ 13.1109, 23.5067,
11.2473

■ 55.9936, 44.5860,
59.6765

■ 12.5817, 23.2676,
9.6974

■ 62.2909, 47.7142,
65.3116

■ 12.4144, 23.1926,
9.1825

■ 65.0418, 49.0076,
71.0779

Harmonies

Analogous

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



25.8475, 29.2357, 25.3660



24.9535, 29.2357, 28.7540



24.8026, 29.2357, 33.3024

Triad

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



24.9535, 29.2357, 28.7540



28.2962, 29.2357, 41.5577



30.2901, 29.2357, 26.4741

Complementary

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



24.9535, 29.2357, 28.7540



25.7395, 24.1643, 28.9000

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.



31.0031, 29.2357, 30.4069



24.9535, 29.2357, 28.7540



29.8226, 29.2357, 39.3145

Square

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



24.9535, 29.2357, 28.7540



26.6908, 29.2357, 41.0045



30.8287, 29.2357, 35.1237



28.9142, 29.2357, 24.1420

Rectangle

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



24.9535, 29.2357, 28.7540



25.1376, 29.2357, 36.4338



30.8287, 29.2357, 35.1237



30.6177, 29.2357, 27.6363

Sweetspot

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



24.9543, 29.2369, 28.7546



51.0381, 55.4789, 58.6641



26.4725, 30.1078, 24.8386



11.1842, 12.2082, 12.8594



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.



24.9543, 29.2369, 28.7546



42.6205, 51.3433, 49.0616



25.9073, 29.6181, 33.7730



6.2394, 6.9685, 7.1841



10.2761, 19.1739, 7.6745



0.1715, 0.2938, 0.2088

Inverse Universe

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



25.7395, 24.1643, 28.9000



44.3268, 40.3186, 49.3765



24.8638, 23.8141, 24.2885



6.3463, 6.2777, 7.2039



12.2521, 6.1551, 7.8528



0.2014, 0.0993, 0.2136

Previews

White Background



This preview shows how the XYZ color 24.9535, 29.2357, 28.7540 looks on a white background.

Color Contrast Check

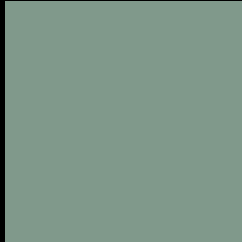
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9535, 29.2357, 28.7540 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 24.9535, 29.2357, 28.7540

Background



This preview shows how black text looks on a background with the XYZ color 24.9535, 29.2357, 28.7540.



This preview shows how white text looks on a background with the XYZ color 24.9535, 29.2357,

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

24.9535, 29.2357, 28.7540

Protanopia

27.6010, 28.9824, 27.0611

Deuteranopia

29.5850, 29.0556, 29.2483



Tritanopia

26.9437, 29.3269, 38.4230

Trichromacy



Original Color

24.9535, 29.2357, 28.7540

Protanomaly

26.5191, 29.1121, 27.5140

Deuteranomaly

27.5902, 28.9352, 28.9418

Tritanomaly

26.2594, 29.2916, 34.8417

Monochromacy



Original Color

24.9535, 29.2357, 28.7540

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.7974, 28.2237, 29.6792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9535, 29.2357, 28.7540 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(128, 153, 139)` looks like.

```
.text, #text, p{  
    color:rgb(128, 153, 139)  
}
```

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(128, 153, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 153, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.9535, 29.2357, 28.7540 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(128, 153, 139) }
```


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

```
.border{ border-color:rgb(128, 153, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 153, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 153, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 153, 139); box-shadow:4px 4px 4px 4px rgb(128, 153, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9535, 29.2357, 28.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 153, 139) }
```

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

```
.background{ background-color: rgb(128,  
153, 139) }
```

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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