

Converting Colors

XYZ(24.1645, 25.0163, 27.1254)

Have a look what the booklet for
XYZ(24.1645, 25.0163, 27.1254)
contains.

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Color

**XYZ(24.1347, 24.9899,
27.2184)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8889
RGB	140, 136, 137
RGB Percent	55%, 53%, 54%
CMY	0.4510, 0.4667, 0.4627
CMYK	0.00, 0.03, 0.02, 0.45
HSL	345°, 2%, 54%
HSV	345°, 3%, 55%
XYZ	24.1347, 24.9899, 27.2184
YIQ	137.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

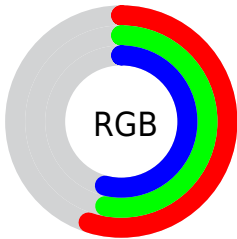
Format	Color
R_{YB}	140, 136, 137
Decimal	9209993
CIE _{Lab}	57.07, 1.68, -0.01
CIE _{LCh}	57, 1.682, 359.545
Yxy	24.9899, 0.3161, 0.3273
Android (android.graphics.Color)	4287400073 (0xFF8C8889)
YUV	137.3100, -0.1528, 2.3591
Hunter-Lab	49.9899, -1.3040, 2.7108

Details

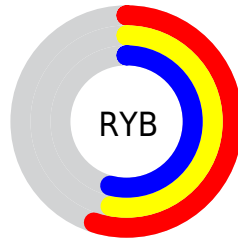
The XYZ color **24.1347, 24.9899, 27.2184** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.1925, 25.8551, 28.1428**, and the grayscale version is **23.8957, 25.1402, 27.3777**.

A 20% lighter version of the original color is **49.7400, 51.5822, 56.0500**, and **9.2645, 9.5174, 10.3656** is the 20% darker color. If you saturate the color by 10%, you get **21.5732, 21.0146, 22.8256**, and if you desaturate by 10%, it is **27.0286, 29.5119, 32.0848**.

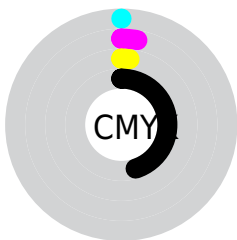
Distribution



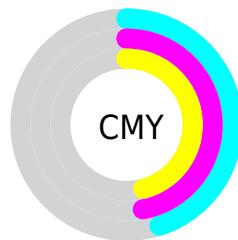
- Red (55%)
- Green (53%)
- Blue (54%)



- Red (55%)
- Yellow (53%)
- Blue (54%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (45%)



- Cyan (45%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1347, 24.9899, 27.2184 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 24.1347, 24.9899, 27.2184 by changing the saturation by 10% instead.

■ 24.1347, 24.9899,
27.2184

■ 24.1347, 24.9899,
27.2184

265.9286,
277.7876, 302.5066

■ 15.5588, 16.0695,
17.5034

■ 49.7030, 51.6408,
56.2421

■ 9.3014, 9.5734,
10.4283

■ 67.4262, 70.1402,
76.3880

■ 4.9970, 5.1170,
5.5746

■ 88.9291, 92.6013,
100.8478

■ 2.2802, 2.3161,
2.5236

114.5773,
119.4087, 130.0403

■ 0.7845, 0.7822,
0.8526

144.7359,
150.9466, 164.3838

■ 0.0000, 0.0000,
0.0000

179.7705,

187.5994, 204.2970

220.0463,
229.7517, 250.1984

■ 24.1347, 24.9899,
27.2184

■ 24.1347, 24.9899,
27.2184

■ 21.5732, 21.0146,
22.8256

■ 27.0286, 29.5119,
32.0848

■ 19.3299, 17.5620,
18.8904

■ 30.2642, 34.5968,
37.4368

■ 17.3930, 14.6114,
15.3983

■ 33.8529, 40.2644,
43.2880

■ 15.7487, 12.1391,
12.3336

■ 37.8052, 46.5322,
49.6510

■ 14.3824, 10.1198,
9.6794

■ 42.1309, 53.4173,
56.5381

■ 13.2782, 8.5257,
7.4177

■ 46.8395, 60.9359,
63.9609

■ 12.4185, 7.3259,
5.5292

■ 51.9403, 69.1038,
71.9308

■ 11.7835, 6.4855,
3.9928

■ 57.4421, 77.9360,
80.4589

■ 11.3498, 5.9630,
2.7851

■ 61.0782, 82.8967,
88.7973

Harmonies

Analogous

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



24.0817, 24.9899, 27.7659



24.1347, 24.9899, 27.2184



24.0847, 24.9899, 26.6759

Triad

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



24.1347, 24.9899, 27.2184



23.5650, 24.9899, 26.2726



23.5598, 24.9899, 28.1600

Complementary

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



24.1347, 24.9899, 27.2184



24.1925, 25.8551, 28.1428

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.



23.4226, 24.9899, 27.7507



24.1347, 24.9899, 27.2184



23.4256, 24.9899, 26.6611

Square

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



24.1347, 24.9899, 27.2184



23.7552, 24.9899, 26.1345



23.3737, 24.9899, 27.2011



23.7491, 24.9899, 28.3141

Rectangle

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



24.1347, 24.9899, 27.2184



23.9999, 24.9899, 26.3889



23.3737, 24.9899, 27.2011



23.5061, 24.9899, 28.0475

Sweetspot

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



24.1354, 24.9910, 27.2189



43.4427, 45.4488, 49.4981



24.1860, 24.9919, 28.3604



10.0178, 10.4843, 11.4183



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



24.1354, 24.9910, 27.2189



42.4516, 43.9044, 47.8183



24.2056, 25.2453, 26.8909



5.4041, 5.5700, 6.0665



9.8856, 5.0644, 1.9019



0.0708, 0.0357, 0.0397

Inverse Universe

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



24.1354, 24.9910, 27.2189



42.4516, 43.9044, 47.8183



24.1204, 25.5936, 28.4800



5.4041, 5.5700, 6.0665



9.8856, 5.0644, 1.9019



0.0708, 0.0357, 0.0397

Previews

White Background



This preview shows how the XYZ color 24.1347, 24.9899, 27.2184 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 24.1347, 24.9899, 27.2184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

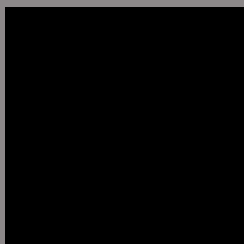
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

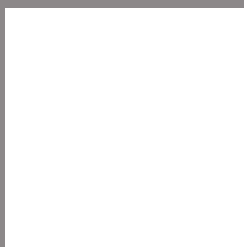
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1347, 24.9899, 27.2184

Background



This preview shows how black text looks on a background with the XYZ color 24.1347, 24.9899, 27.2184.



This preview shows how white text looks on a background with the XYZ color 24.1347, 24.9899,

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

24.1347, 24.9899, 27.2184

Protanopia

23.9670, 24.9034, 27.2106

Deuteranopia

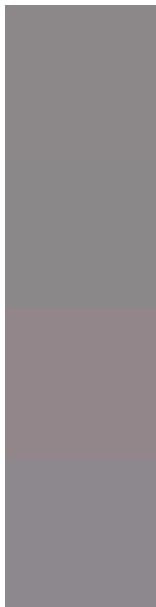
25.5527, 25.0941, 27.5416



Tritanopia

24.7593, 25.0350, 30.3153

Trichromacy



Original Color

24.1347, 24.9899, 27.2184

Protanomaly

23.9670, 24.9034, 27.2106

Deuteranomaly

24.9666, 24.9962, 27.5536

Tritanomaly

24.5310, 24.9437, 29.1129

Monochromacy



Original Color

24.1347, 24.9899, 27.2184

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.9422, 25.1007, 27.2499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1347, 24.9899, 27.2184 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(140, 136, 137) looks like.

```
.text, #text, p{  
    color:rgb(140, 136, 137)  
}
```

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(140, 136, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 136, 137) }
```

Border

The CSS property to change the border of an element to XYZ 24.1347, 24.9899, 27.2184 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(140, 136, 137) }
```


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

```
.border{ border-color:rgb(140, 136, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 136, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 136, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 136, 137);  
box-shadow:4px 4px 4px 4px rgb(140, 136,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1347, 24.9899, 27.2184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 136, 137) }
```

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

```
.background{ background-color: rgb(140,  
136, 137) }
```

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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