

Converting Colors

XYZ(24.2460, 27.0686, 20.3497)

Have a look what the booklet for
XYZ(24.2460, 27.0686, 20.3497)
contains.

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Color

**XYZ(24.2623, 27.1745,
20.4894)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9174
RGB	141, 145, 116
RGB Percent	55%, 57%, 45%
CMY	0.4471, 0.4314, 0.5451
CMYK	0.03, 0.00, 0.20, 0.43
HSL	68°, 12%, 51%
HSV	68°, 20%, 57%
XYZ	24.2623, 27.1745, 20.4894
YIQ	140.4980, 6.9250, -9.8670

Conversions

Conversions Part 2

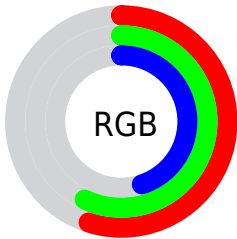
Format	Color
RYB	116, 145, 120
Decimal	9277812
CIELab	59.14, -6.68, 14.93
CIElCh	59, 16.362, 114.108
Yxy	27.1745, 0.3373, 0.3778
Android (android.graphics.Color)	4287467892 (0xFF8D9174)
YUV	140.4980, -12.0775, 0.4403
Hunter-Lab	52.1292, -8.1474, 13.1864

Details

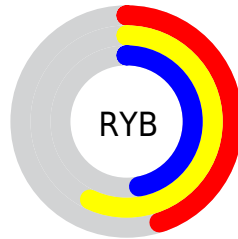
The XYZ color **24.2623, 27.1745, 20.4894** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.1030, 18.5289, 29.3592**, and the grayscale version is **25.1655, 26.4761, 28.8324**.

A 20% lighter version of the original color is **49.9970, 55.2761, 45.0800**, and **9.4500, 10.8259, 7.0604** is the 20% darker color. If you saturate the color by 10%, you get **23.1468, 26.6903, 16.3727**, and if you desaturate by 10%, it is **25.5170, 27.7170, 25.3010**.

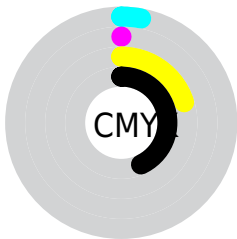
Distribution



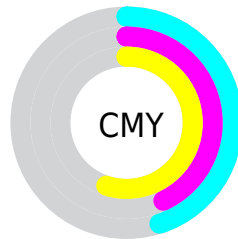
- Red (55%)
- Green (57%)
- Blue (45%)



- Red (45%)
- Yellow (57%)
- Blue (47%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (43%)



- Cyan (45%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2623, 27.1745, 20.4894 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 24.2623, 27.1745, 20.4894 by changing the saturation by 10% instead.

■ 24.2623, 27.1745,
20.4894

■ 24.2623, 27.1745,
20.4894

266.5598,
288.5010, 267.2437

■ 15.6541, 17.7043,
12.5637

■ 49.9095, 55.1638,
45.1059

■ 9.3690, 10.7379,
7.0016

■ 67.6791, 74.4516,
62.6338

■ 5.0417, 5.8909,
3.3847

■ 89.2333, 97.7808,
84.1994

■ 2.3067, 2.7788,
1.2942

114.9374,
125.5358, 110.2214

■ 0.7981, 1.0174,
0.0571

145.1568,
158.1009, 141.1183

■ 0.0000, 0.0000,
0.0000

180.2567,

195.8606, 177.3086

220.6026,
239.1991, 219.2109

■ 24.2623, 27.1745,
20.4894

■ 24.2623, 27.1745,
20.4894

■ 23.1468, 26.6903,
16.3727

■ 25.5170, 27.7170,
25.3010

■ 22.1624, 26.2582,
12.9172

■ 26.9146, 28.3164,
30.8359

■ 21.3031, 25.8769,
10.0887

■ 28.4612, 28.9761,
37.1228

■ 20.5617, 25.5435,
7.8496

■ 30.1618, 29.6982,
44.1884

■ 19.9302, 25.2548,
6.1580

■ 32.0214, 30.4846,
52.0582

■ 19.3997, 25.0071,
4.9667

■ 34.0446, 31.3372,
60.7564

■ 18.9595, 24.7963,
4.2203

■ 36.2357, 32.2576,
70.3062

■ 18.5817, 24.6111,
3.7710

■ 38.5992, 33.2478,
80.7301

■ 41.1390, 34.3092,
92.0494

Harmonies

Analogous

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



26.2325, 27.1745, 19.7787



24.2623, 27.1745, 20.4894



22.7852, 27.1745, 23.4904

Triad

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



24.2623, 27.1745, 20.4894



23.6009, 27.1745, 39.6321



29.9215, 27.1745, 30.7542

Complementary

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



24.2623, 27.1745, 20.4894



19.1030, 18.5289, 29.3592

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.



29.1315, 27.1745, 36.6598



24.2623, 27.1745, 20.4894



25.4288, 27.1745, 42.2004

Square

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



24.2623, 27.1745, 20.4894



22.4176, 27.1745, 34.4082



27.4608, 27.1745, 41.0470



29.5691, 27.1745, 25.2411

Rectangle

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



24.2623, 27.1745, 20.4894



22.2435, 27.1745, 26.6235



27.4608, 27.1745, 41.0470



29.7795, 27.1745, 32.7657

Sweetspot

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



24.2630, 27.1757, 20.4900



46.6338, 50.0378, 48.9932



21.5308, 20.6823, 19.3806



10.3435, 11.1183, 10.7782



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.2630, 27.1757, 20.4900



42.5199, 48.2617, 33.2250



21.9766, 25.9970, 20.3830



5.7674, 6.2482, 5.7914



15.9533, 21.1168, 3.2351



0.1656, 0.2086, 0.0315

Inverse Universe

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



19.1030, 18.5289, 29.3592



31.5530, 29.8821, 52.0784



21.2472, 19.6342, 29.4595



5.1946, 5.2885, 6.7758



4.6456, 1.8885, 23.0967



0.0551, 0.0236, 0.2213

Previews

White Background



This preview shows how the XYZ color 24.2623, 27.1745, 20.4894 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 24.2623, 27.1745, 20.4894 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

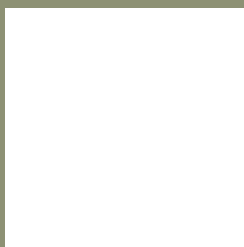
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2623, 27.1745, 20.4894

Background



This preview shows how black text looks on a background with the XYZ color 24.2623, 27.1745, 20.4894.



This preview shows how white text looks on a background with the XYZ color 24.2623, 27.1745,

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

24.2623, 27.1745, 20.4894

Protanopia

25.5300, 27.1631, 20.1171

Deuteranopia

27.7327, 27.1987, 20.9277



Tritanopia

26.8181, 27.1015, 33.0958

Trichromacy



Original Color

24.2623, 27.1745, 20.4894

Protanomaly

24.9496, 27.0858, 20.1327

Deuteranomaly

26.2993, 27.1084, 20.6760

Tritanomaly

25.7620, 27.1103, 27.9198

Monochromacy



Original Color

24.2623, 27.1745, 20.4894

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.8224, 26.6747, 25.6702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2623, 27.1745, 20.4894 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(141, 145, 116)` looks like.

```
.text, #text, p{  
    color:rgb(141, 145, 116)  
}
```

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(141, 145, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 145, 116) }
```

Border

The CSS property to change the border of an element to XYZ 24.2623, 27.1745, 20.4894 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(141, 145, 116) }
```


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

```
.border{ border-color:rgb(141, 145, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 145, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 145, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 145, 116);  
box-shadow:4px 4px 4px 4px rgb(141, 145,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2623, 27.1745, 20.4894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 145, 116) }
```

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

```
.background{ background-color: rgb(141,  
145, 116) }
```

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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