

Converting Colors

XYZ(24.2078, 27.0755, 23.6889)

Have a look what the booklet for
XYZ(24.2078, 27.0755, 23.6889)
contains.

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Color

**XYZ(24.2078, 27.0755,
23.6889)**

Conversions

Conversions Part 1

Format	Color
Hex	89917E
RGB	137, 145, 126
RGB Percent	54%, 57%, 49%
CMY	0.4627, 0.4314, 0.5059
CMYK	0.06, 0.00, 0.13, 0.43
HSL	85°, 8%, 53%
HSV	85°, 13%, 57%
XYZ	24.2078, 27.0755, 23.6889
YIQ	140.4420, 1.3310, -7.6050

Conversions

Conversions Part 2

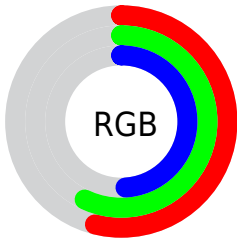
Format	Color
RYB	126, 145, 134
Decimal	9015678
CIELab	59.04, -6.53, 9.10
CIELCh	59, 11.197, 125.658
Yxy	27.0755, 0.3229, 0.3611
Android (android.graphics.Color)	4287205758 (0xFF89917E)
YUV	140.4420, -7.1199, -3.0186
Hunter-Lab	52.0341, -8.0163, 9.4317

Details

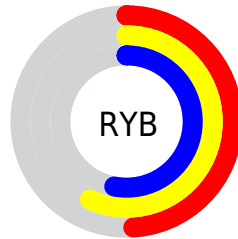
The XYZ color **24.2078, 27.0755, 23.6889** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.4043, 22.0352, 29.8619**, and the grayscale version is **25.1264, 26.4349, 28.7876**.

A 20% lighter version of the original color is **49.7953, 55.0487, 50.6488**, and **9.3622, 10.7465, 8.6020** is the 20% darker color. If you saturate the color by 10%, you get **22.3664, 26.2274, 19.0675**, and if you desaturate by 10%, it is **26.2430, 28.0094, 29.0285**.

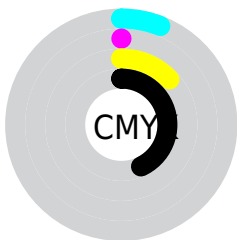
Distribution



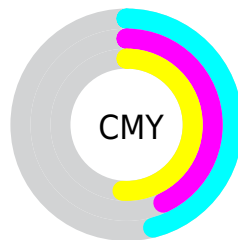
- Red (54%)
- Green (57%)
- Blue (49%)



- Red (49%)
- Yellow (57%)
- Blue (53%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (43%)



- Cyan (46%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2078, 27.0755, 23.6889 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 24.2078, 27.0755, 23.6889 by changing the saturation by 10% instead.

■ 24.2078, 27.0755,
23.6889

■ 24.2078, 27.0755,
23.6889

266.2904,
288.0225, 284.4796

■ 15.6134, 17.6299,
14.8929

■ 49.8213, 55.0050,
50.4595

■ 9.3401, 10.6846,
8.5985

■ 67.5711, 74.2577,
69.2712

■ 5.0226, 5.8552,
4.3870

■ 89.1035, 97.5483,
92.2586

■ 2.2954, 2.7572,
1.8400

114.7837,
125.2611, 119.8402

■ 0.7923, 1.0063,
0.4541

144.9771,
157.7805, 152.4346

■ 0.0000, 0.0000,
0.0000

180.0491,

195.4909, 190.4603

220.3651,
238.7768, 234.3357

■ 24.2078, 27.0755,
23.6889

■ 24.2078, 27.0755,
23.6889

■ 22.3664, 26.2274,
19.0675

■ 26.2430, 28.0094,
29.0285

■ 20.7100, 25.4589,
15.1319

■ 28.4761, 29.0282,
35.1134

■ 19.2319, 24.7680,
11.8499

■ 30.9140, 30.1358,
41.9713

■ 17.9245, 24.1517,
9.1858

■ 33.5624, 31.3343,
49.6281

■ 16.7795, 23.6063,
7.1008

■ 36.4268, 32.6263,
58.1084

■ 15.7875, 23.1282,
5.5515

■ 39.5125, 34.0138,
67.4358

■ 14.9380, 22.7129,
4.4883

■ 42.8247, 35.4990,
77.6330

■ 14.2190, 22.3556,
3.8528

■ 46.3683, 37.0840,
88.7217

■ 13.7762, 22.1337,
3.5461

■ 49.9048, 38.6735,
99.4422

Harmonies

Analogous

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



25.4719, 27.0755, 22.5013



24.2078, 27.0755, 23.6889



23.3756, 27.0755, 26.4370

Triad

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



24.2078, 27.0755, 23.6889



24.6485, 27.0755, 37.0181



28.4865, 27.0755, 28.7325

Complementary

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



24.2078, 27.0755, 23.6889



22.4043, 22.0352, 29.8619

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.



28.2469, 27.0755, 32.7492



24.2078, 27.0755, 23.6889



25.9988, 27.0755, 37.7718

Square

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



24.2078, 27.0755, 23.6889



23.6235, 27.0755, 34.1711



27.3240, 27.0755, 36.1469



27.9675, 27.0755, 25.2403

Rectangle

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



24.2078, 27.0755, 23.6889



23.1606, 27.0755, 28.9049



27.3240, 27.0755, 36.1469



28.4923, 27.0755, 30.0639

Sweetspot

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



24.2085, 27.0767, 23.6895



46.6228, 49.9879, 50.9892



23.9575, 24.5542, 23.2158



10.3138, 11.0938, 11.1888



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.



24.2085, 27.0767, 23.6895



42.2495, 47.9807, 39.6119



22.7317, 26.3153, 23.6204



5.6230, 6.1738, 5.7847



11.8457, 18.9993, 3.0429



0.1385, 0.1946, 0.0303

Inverse Universe

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



22.4043, 22.0352, 29.8619



38.3098, 36.9716, 53.0906



23.9727, 22.8437, 29.9353



5.3314, 5.3590, 6.7822



6.0665, 2.6210, 23.1632



0.0822, 0.0376, 0.2226

Previews

White Background



This preview shows how the XYZ color 24.2078, 27.0755, 23.6889 looks on a white background.

Color Contrast Check

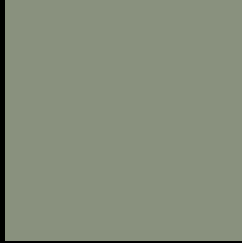
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2078, 27.0755, 23.6889 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

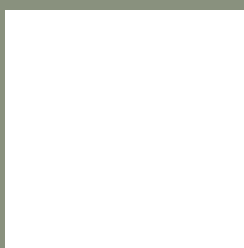
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2078, 27.0755, 23.6889

Background



This preview shows how black text looks on a background with the XYZ color 24.2078, 27.0755, 23.6889.



This preview shows how white text looks on a background with the XYZ color 24.2078, 27.0755,

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

24.2078, 27.0755, 23.6889

Protanopia

25.7055, 27.1908, 22.9623

Deuteranopia

27.5399, 27.0269, 24.1873



Tritanopia

26.1769, 26.9795, 33.5337

Trichromacy



Original Color

24.2078, 27.0755, 23.6889

Protanomaly

25.2012, 27.1453, 23.3134

Deuteranomaly

26.1577, 26.9639, 23.9046

Tritanomaly

25.4461, 26.9046, 29.8386

Monochromacy



Original Color

24.2078, 27.0755, 23.6889

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6936, 26.5842, 26.7514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2078, 27.0755, 23.6889 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(137, 145, 126)` looks like.

```
.text, #text, p{  
    color:rgb(137, 145, 126)  
}
```

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(137, 145, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 145, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.2078, 27.0755, 23.6889 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(137, 145, 126) }
```


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

```
.border{ border-color:rgb(137, 145, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 145, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 145, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 145, 126);  
box-shadow:4px 4px 4px 4px rgb(137, 145,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2078, 27.0755, 23.6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 145, 126) }
```

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

```
.background{ background-color: rgb(137,  
145, 126) }
```

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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