

Converting Colors

XYZ(24.3425, 26.6324, 24.4648)

Have a look what the booklet for
XYZ(24.3425, 26.6324, 24.4648)
contains.

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Color

**XYZ(24.4324, 26.7189,
24.6384)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8F81
RGB	139, 143, 129
RGB Percent	55%, 56%, 51%
CMY	0.4549, 0.4392, 0.4941
CMYK	0.03, 0.00, 0.10, 0.44
HSL	77°, 6%, 53%
HSV	77°, 10%, 56%
XYZ	24.4324, 26.7189, 24.6384
YIQ	140.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

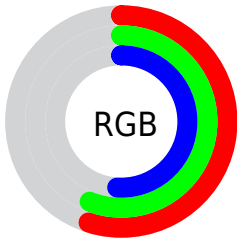
Format	Color
R_{YB}	129, 143, 133
Decimal	9146241
CIE _{Lab}	58.71, -4.12, 6.94
CIE _{LCh}	59, 8.074, 120.714
Yxy	26.7189, 0.3224, 0.3525
Android (android.graphics.Color)	4287336321 (0xFF8B8F81)
YUV	140.2080, -5.5255, -1.0594
Hunter-Lab	51.6903, -6.0867, 7.9224

Details

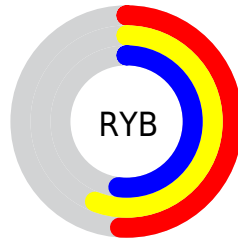
The XYZ color **24.4324, 26.7189, 24.6384** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.4821, 22.6709, 29.1790**, and the grayscale version is **25.0290, 26.3325, 28.6761**.

A 20% lighter version of the original color is **50.1480, 54.5164, 52.1356**, and **9.4821, 10.5317, 9.1225** is the 20% darker color. If you saturate the color by 10%, you get **22.8780, 26.0206, 19.9462**, and if you desaturate by 10%, it is **26.1469, 27.4859, 30.0337**.

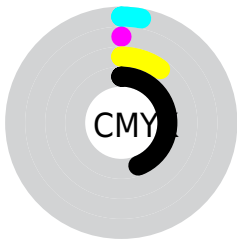
Distribution



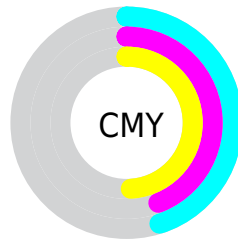
- Red (55%)
- Green (56%)
- Blue (51%)



- Red (51%)
- Yellow (56%)
- Blue (52%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4324, 26.7189, 24.6384 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 24.4324, 26.7189, 24.6384 by changing the saturation by 10% instead.

■ 24.4324, 26.7189,
24.6384

■ 24.4324, 26.7189,
24.6384

267.3994,
286.2935, 289.4221

■ 15.7812, 17.3622,
15.5913

■ 50.1845, 54.4325,
52.0268

■ 9.4593, 10.4931,
9.0842

■ 68.0160, 73.5581,
71.2052

■ 5.1014, 5.7271,
4.6986

■ 89.6383, 96.7089,
94.5978

■ 2.3423, 2.6799,
2.0159

115.4168,
124.2692, 122.6231

■ 0.8162, 0.9670,
0.5650

145.7168,
156.6234, 155.6996

■ 0.0000, 0.0000,
0.0000

180.9036,

194.1560, 194.2459

221.3427,
237.2512, 238.6806

■ 24.4324, 26.7189,
24.6384

■ 24.4324, 26.7189,
24.6384

■ 22.8780, 26.0206,
19.9462

■ 26.1469, 27.4859,
30.0337

■ 21.4757, 25.3852,
15.9264

■ 28.0247, 28.3203,
36.1577

■ 20.2201, 24.8114,
12.5486

■ 30.0717, 29.2255,
43.0366

■ 19.1045, 24.2964,
9.7794

■ 32.2928, 30.2033,
50.6951

■ 18.1217, 23.8374,
7.5825

■ 34.6928, 31.2557,
59.1567

■ 17.2639, 23.4311,
5.9174

■ 37.2761, 32.3846,
68.4437

■ 16.5220, 23.0740,
4.7388

■ 40.0472, 33.5917,
78.5778

■ 15.8857, 22.7618,
3.9933

■ 43.0101, 34.8787,
89.5796

■ 15.3279, 22.4837,
3.5405

■ 45.7305, 36.0719,
99.1601

Harmonies

Analogous

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



25.3717, 26.7189, 23.9583



24.4324, 26.7189, 24.6384



23.7658, 26.7189, 26.4978

Triad

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



24.4324, 26.7189, 24.6384



24.4726, 26.7189, 34.1289



27.3536, 26.7189, 29.0242

Complementary

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



24.4324, 26.7189, 24.6384



22.4821, 22.6709, 29.1790

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.



27.0981, 26.7189, 31.8510



24.4324, 26.7189, 24.6384



25.4193, 26.7189, 34.9120

Square

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



24.4324, 26.7189, 24.6384



23.7886, 26.7189, 31.9766



26.3836, 26.7189, 34.0531



27.0732, 26.7189, 26.3869

Rectangle

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



24.4324, 26.7189, 24.6384



23.5568, 26.7189, 28.2186



26.3836, 26.7189, 34.0531



27.3275, 26.7189, 29.9839

Sweetspot

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



24.4331, 26.7201, 24.6390



45.7865, 48.7583, 50.4808



23.6741, 24.1914, 24.1909



10.4457, 11.1572, 11.4049



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.



24.4331, 26.7201, 24.6390



43.0420, 47.5296, 41.9386



23.3067, 26.1394, 24.5863



5.6914, 6.2090, 5.7879



13.5633, 19.8847, 3.1233



0.1514, 0.2013, 0.0309

Inverse Universe

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



22.4821, 22.6709, 29.1790



38.7410, 38.6033, 51.9473



23.6187, 23.2569, 29.2322



5.2654, 5.3250, 6.7791



5.2066, 2.1777, 23.1230



0.0693, 0.0309, 0.2220

Previews

White Background



This preview shows how the XYZ color 24.4324, 26.7189, 24.6384 looks on a white background.

Color Contrast Check

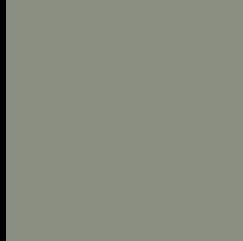
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4324, 26.7189, 24.6384 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

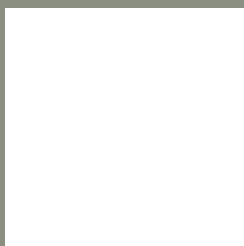
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4324, 26.7189, 24.6384

Background



This preview shows how black text looks on a background with the XYZ color 24.4324, 26.7189, 24.6384.



This preview shows how white text looks on a background with the XYZ color 24.4324, 26.7189,

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

24.4324, 26.7189, 24.6384

Protanopia

25.4538, 26.8113, 24.2556

Deuteranopia

27.1315, 26.5910, 24.8217



Tritanopia

26.1193, 26.7413, 33.0631

Trichromacy



Original Color

24.4324, 26.7189, 24.6384

Protanomaly

25.0709, 26.8338, 24.2801

Deuteranomaly

26.2108, 26.7523, 24.9014

Tritanomaly

25.4673, 26.6956, 29.7971

Monochromacy



Original Color

24.4324, 26.7189, 24.6384

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.7840, 26.4028, 27.0825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4324, 26.7189, 24.6384 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(139, 143, 129)` looks like.

```
.text, #text, p{  
    color:rgb(139, 143, 129)  
}
```

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(139, 143, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 143, 129) }
```

Border

The CSS property to change the border of an element to XYZ 24.4324, 26.7189, 24.6384 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(139, 143, 129) }
```


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

```
.border{ border-color:rgb(139, 143, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 143, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 143, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 143, 129);  
box-shadow:4px 4px 4px 4px rgb(139, 143,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4324, 26.7189, 24.6384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 143, 129) }
```

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

```
.background{ background-color: rgb(139,  
143, 129) }
```

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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