

Converting Colors

XYZ(24.6526, 26.9268, 20.4215)

Have a look what the booklet for
XYZ(24.6526, 26.9268, 20.4215)
contains.

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Color

**XYZ(24.6519, 26.9256,
20.4209)**

Conversions

Conversions Part 1

Format	Color
Hex	918F74
RGB	145, 143, 116
RGB Percent	57%, 56%, 45%
CMY	0.4314, 0.4392, 0.5451
CMYK	0.00, 0.01, 0.20, 0.43
HSL	56°, 12%, 51%
HSV	56°, 20%, 57%
XYZ	24.6519, 26.9256, 20.4209
YIQ	140.5200, 9.8590, -7.9730

Conversions

Conversions Part 2

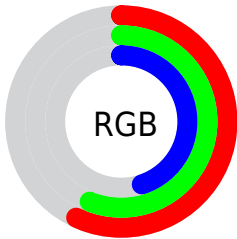
Format	Color
R_{YB}	118, 145, 116
Decimal	9539444
CIE _{Lab}	58.91, -4.00, 14.67
CIE _{LCh}	59, 15.202, 105.266
Yxy	26.9256, 0.3424, 0.3740
Android (android.graphics.Color)	4287729524 (0xFF918F74)
YUV	140.5200, -12.0884, 3.9290
Hunter-Lab	51.8899, -6.0053, 12.9898

Details

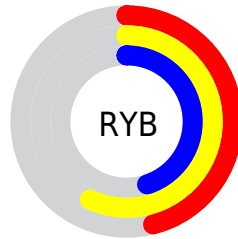
The XYZ color **24.6519, 26.9256, 20.4209** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.7917, 18.7139, 29.4099**, and the grayscale version is **25.1733, 26.4843, 28.8414**.

A 20% lighter version of the original color is **50.5873, 54.9018, 44.9767**, and **9.5738, 10.6257, 7.0152** is the 20% darker color. If you saturate the color by 10%, you get **23.7245, 26.3168, 16.2703**, and if you desaturate by 10%, it is **25.7137, 27.5921, 25.2665**.

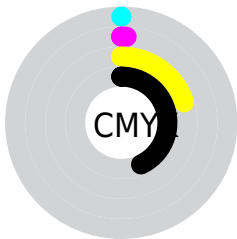
Distribution



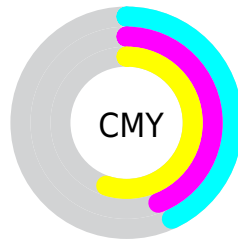
- Red (57%)
- Green (56%)
- Blue (45%)



- Red (46%)
- Yellow (57%)
- Blue (45%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (43%)



- Cyan (43%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6519, 26.9256, 20.4209 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 24.6519, 26.9256, 20.4209 by changing the saturation by 10% instead.

■ 24.6519, 26.9256,
20.4209

■ 24.6519, 26.9256,
20.4209

268.4796,
287.2967, 266.8639

■ 15.9452, 17.5174,
12.5143

■ 50.5389, 54.7645,
44.9899

■ 9.5760, 10.6040,
6.9682

■ 68.4500, 73.9639,
62.4894

■ 5.1789, 5.8013,
3.3640

■ 90.1599, 97.1958,
84.0236

■ 2.3884, 2.7246,
1.2834

116.0340,
124.8446, 110.0110

■ 0.8393, 0.9897,
0.0481

146.4377,
157.2947, 140.8702

■ 0.0000, 0.0000,
0.0000

181.7363,

194.9305, 177.0197

222.2952,
238.1363, 218.8781

■ 24.6519, 26.9256,
20.4209

■ 24.6519, 26.9256,
20.4209

■ 23.7245, 26.3168,
16.2703

■ 25.7137, 27.5921,
25.2665

■ 22.9234, 25.7597,
12.7810

■ 26.9135, 28.3151,
30.8355

■ 22.2426, 25.2529,
9.9190

■ 28.2575, 29.0979,
37.1566

■ 21.6750, 24.7934,
7.6464

■ 29.7506, 29.9424,
44.2566

■ 21.2126, 24.3782,
5.9214

■ 31.3976, 30.8507,
52.1609

■ 20.8465, 24.0036,
4.6969

■ 33.2033, 31.8247,
60.8937

■ 20.5661, 23.6654,
3.9174

■ 35.1720, 32.8660,
70.4783

■ 20.3434, 23.3523,
3.4353

■ 37.3080, 33.9764,
80.9369

■ 20.3434, 23.3523,
3.4352

■ 39.6153, 35.1575,
92.2912

Harmonies

Analogous

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



26.5224, 26.9256, 20.4014



24.6519, 26.9256, 20.4209



23.1089, 26.9256, 22.6177

Triad

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



24.6519, 26.9256, 20.4209



23.1311, 26.9256, 37.3042



29.2497, 26.9256, 32.0302

Complementary

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



24.6519, 26.9256, 20.4209



18.7917, 18.7139, 29.4099

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, 26.9256, 37.2244



24.6519, 26.9256, 20.4209



24.6835, 26.9256, 40.5132

Square

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



24.6519, 26.9256, 20.4209



22.2605, 26.9256, 32.1287



26.5557, 26.9256, 40.4823



29.2402, 26.9256, 26.6751

Rectangle

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



24.6519, 26.9256, 20.4209



22.4470, 26.9256, 25.1954



26.5557, 26.9256, 40.4823



29.0177, 26.9256, 33.8661

Sweetspot

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



24.6526, 26.9268, 20.4215



46.8517, 49.9024, 48.9556



21.2176, 19.8288, 19.9791



10.3964, 11.0854, 10.7691



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.



24.6526, 26.9268, 20.4215



43.3720, 47.7180, 33.0751



22.9378, 26.4917, 20.4279



5.8082, 6.2227, 5.7844



17.4568, 20.0453, 2.9491



0.1731, 0.2040, 0.0303

Inverse Universe

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



18.7917, 18.7139, 29.4099



30.9127, 30.2592, 52.1849



20.2712, 19.1312, 29.4125



5.1576, 5.3110, 6.7820



4.4848, 1.9555, 23.1182



0.0476, 0.0282, 0.2226

Previews

White Background



This preview shows how the XYZ color 24.6519, 26.9256, 20.4209 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 24.6519, 26.9256, 20.4209 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

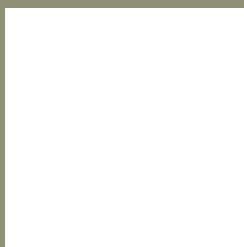
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6519, 26.9256, 20.4209

Background



This preview shows how black text looks on a background with the XYZ color 24.6519, 26.9256, 20.4209.



This preview shows how white text looks on a background with the XYZ color 24.6519, 26.9256,

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

24.6519, 26.9256, 20.4209

Protanopia

25.1971, 26.7716, 20.0591

Deuteranopia

27.3249, 26.7852, 20.5595



Tritanopia

26.9077, 26.7364, 32.1762

Trichromacy



Original Color

24.6519, 26.9256, 20.4209

Protanomaly

24.9803, 26.8797, 20.0914

Deuteranomaly

26.3481, 26.9177, 20.6366

Tritanomaly

26.1062, 26.8582, 27.4751

Monochromacy



Original Color

24.6519, 26.9256, 20.4209

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.9932, 26.7627, 25.6782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6519, 26.9256, 20.4209 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(145, 143, 116)` looks like.

```
.text, #text, p{  
    color:rgb(145, 143, 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(145, 143, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 143, 116) }
```

Border

The CSS property to change the border of an element to XYZ 24.6519, 26.9256, 20.4209 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(145, 143, 116) }
```


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

```
.border{ border-color:rgb(145, 143, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 143, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 143, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 143, 116);  
box-shadow:4px 4px 4px 4px rgb(145, 143,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6519, 26.9256, 20.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 143, 116) }
```

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

```
.background{ background-color: rgb(145,  
143, 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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