

Converting Colors

XYZ(24.6391, 25.9857, 20.6251)

Have a look what the booklet for
XYZ(24.6391, 25.9857, 20.6251)
contains.

XYZ(24.6562, 26.0455, 20.5574)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.6562, 26.0455,
20.5574)**

Conversions

Conversions Part 1

Format	Color
Hex	948B75
RGB	148, 139, 117
RGB Percent	58%, 55%, 46%
CMY	0.4196, 0.4549, 0.5412
CMYK	0.00, 0.06, 0.21, 0.42
HSL	43°, 13%, 52%
HSV	43°, 21%, 58%
XYZ	24.6562, 26.0455, 20.5574
YIQ	139.1830, 12.4260, -4.9340

Conversions

Conversions Part 2

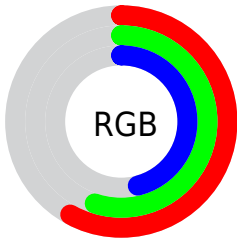
Format	Color
R_{YB}	130, 148, 117
Decimal	9735029
CIE Lab	58.08, -0.43, 12.99
CIE LCh	58, 12.996, 91.885
Yxy	26.0455, 0.3460, 0.3655
Android (android.graphics.Color)	4287925109 (0xFF948B75)
YUV	139.1830, -10.9362, 7.7325
Hunter-Lab	51.0348, -3.0730, 11.8417

Details

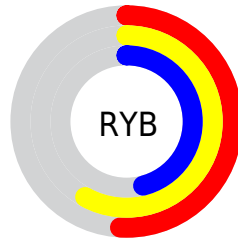
The XYZ color **24.6562, 26.0455, 20.5574** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.1421, 20.8411, 30.9781**, and the grayscale version is **24.6491, 25.9328, 28.2408**.

A 20% lighter version of the original color is **50.3682, 53.1204, 45.1347**, and **9.5763, 10.1158, 7.0780** is the 20% darker color. If you saturate the color by 10%, you get **23.2444, 24.5060, 16.1278**, and if you desaturate by 10%, it is **26.2314, 27.6912, 25.7209**.

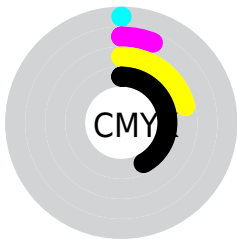
Distribution



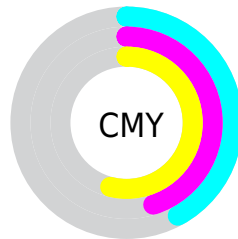
- Red (58%)
- Green (55%)
- Blue (46%)



- Red (51%)
- Yellow (58%)
- Blue (46%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6562, 26.0455, 20.5574 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 24.6562, 26.0455, 20.5574 by changing the saturation by 10% instead.

■ 24.6562, 26.0455,
20.5574

■ 24.6562, 26.0455,
20.5574

268.5008,
283.0054, 267.6202

■ 15.9485, 16.8577,
12.6128

■ 50.5458, 53.3483,
45.2209

■ 9.5783, 10.1331,
7.0349

■ 68.4585, 72.2322,
62.7769

■ 5.1804, 5.4873,
3.4051

■ 90.1701, 95.1167,
84.3738

■ 2.3893, 2.5359,
1.3050

116.0461,
122.3865, 110.4301

■ 0.8398, 0.8946,
0.0659

146.4518,
154.4259, 141.3643

■ 0.0000, 0.0000,
0.0000

181.7526,

191.6192, 177.5951

222.3138,
234.3509, 219.5409

■ 24.6562, 26.0455,
20.5574

■ 24.6562, 26.0455,
20.5574

■ 23.2444, 24.5060,
16.1278

■ 26.2314, 27.6912,
25.7209

■ 21.9873, 23.0662,
12.3964

■ 27.9743, 29.4427,
31.6486

■ 20.8782, 21.7238,
9.3269

■ 29.8915, 31.3038,
38.3708

■ 19.9093, 20.4752,
6.8793

■ 31.9885, 33.2772,
45.9159

■ 19.0719, 19.3165,
5.0089

■ 34.2709, 35.3656,
54.3109

■ 18.3560, 18.2432,
3.6651

■ 36.7436, 37.5714,
63.5814

■ 17.7501, 17.2502,
2.7886

■ 39.4117, 39.8968,
73.7520

■ 17.2694, 16.4091,
2.2571

■ 42.2797, 42.3443,
84.8464

■ 45.3523, 44.9161,
96.8873

Harmonies

Analogous

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



26.2073, 26.0455, 21.3889



24.6562, 26.0455, 20.5574



23.1930, 26.0455, 21.6256

Triad

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



24.6562, 26.0455, 20.5574



22.2766, 26.0455, 33.1817



27.5182, 26.0455, 32.6372

Complementary

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



24.6562, 26.0455, 20.5574



20.1421, 20.8411, 30.9781

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.



26.3866, 26.0455, 36.3627



24.6562, 26.0455, 20.5574



23.3582, 26.0455, 36.6997

Square

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



24.6562, 26.0455, 20.5574



21.8558, 26.0455, 28.6447



24.8550, 26.0455, 37.9205



27.9009, 26.0455, 28.0754

Rectangle

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



24.6562, 26.0455, 20.5574



22.4527, 26.0455, 23.3445



24.8550, 26.0455, 37.9205



27.2105, 26.0455, 34.0449

Sweetspot

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



24.6569, 26.0467, 20.5580



47.7302, 50.3272, 50.2584



22.3595, 20.5329, 22.6254



10.8556, 11.4482, 11.3366



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.6569, 26.0467, 20.5580



42.3362, 44.6977, 32.5569



24.9219, 28.1973, 20.9591



6.1247, 6.4632, 6.1652



14.7749, 14.0643, 1.9359



0.2063, 0.2230, 0.0322

Inverse Universe

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



20.1421, 20.8411, 30.9781



32.9451, 33.8714, 54.2360



19.9039, 19.0868, 30.6520



5.6285, 5.8909, 7.3101



5.3232, 3.3413, 24.2954



0.0880, 0.0866, 0.3050

Previews

White Background



This preview shows how the XYZ color 24.6562, 26.0455, 20.5574 looks on a white background.

Color Contrast Check

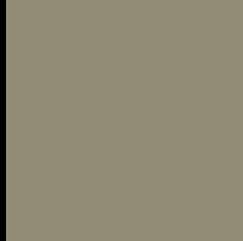
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6562, 26.0455, 20.5574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

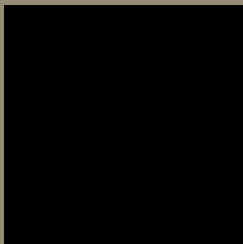
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

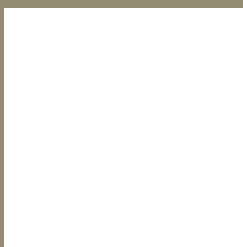
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6562, 26.0455, 20.5574

Background



This preview shows how black text looks on a background with the XYZ color 24.6562, 26.0455, 20.5574.



This preview shows how white text looks on a background with the XYZ color 24.6562, 26.0455,

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

24.6562, 26.0455, 20.5574

Protanopia

24.4761, 25.9526, 20.5490

Deuteranopia

26.4931, 25.9353, 20.7492



Tritanopia

26.8012, 26.0787, 30.8152

Trichromacy



Original Color

24.6562, 26.0455, 20.5574

Protanomaly

24.4761, 25.9526, 20.5490

Deuteranomaly

25.7845, 25.9842, 20.7960

Tritanomaly

25.9398, 25.9369, 26.5608

Monochromacy



Original Color

24.6562, 26.0455, 20.5574

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4847, 25.8547, 25.1727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6562, 26.0455, 20.5574 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(148, 139, 117)` looks like.

```
.text, #text, p{  
    color:rgb(148, 139, 117)  
}
```

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(148, 139, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 139, 117) }
```

Border

The CSS property to change the border of an element to XYZ 24.6562, 26.0455, 20.5574 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(148, 139, 117) }
```


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

```
.border{ border-color:rgb(148, 139, 117) }
```

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

Here you see how a box with a 4 pixel rgb(148, 139, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 139, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 139, 117);  
box-shadow:4px 4px 4px 4px rgb(148, 139,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6562, 26.0455, 20.5574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 139, 117) }
```

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

```
.background{ background-color: rgb(148,  
139, 117) }
```

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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