

Converting Colors

XYZ(25.3368, 26.4564, 21.6287)

Have a look what the booklet for
XYZ(25.3368, 26.4564, 21.6287)
contains.

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Color

**XYZ(25.2005, 26.3053,
21.5185)**

Conversions

Conversions Part 1

Format	Color
Hex	968B78
RGB	150, 139, 120
RGB Percent	59%, 55%, 47%
CMY	0.4118, 0.4549, 0.5294
CMYK	0.00, 0.07, 0.20, 0.41
HSL	38°, 13%, 53%
HSV	38°, 20%, 59%
XYZ	25.2005, 26.3053, 21.5185
YIQ	140.1230, 12.6550, -3.5770

Conversions

Conversions Part 2

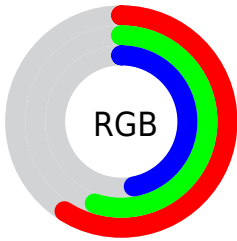
Format	Color
RYB	137, 150, 120
Decimal	9866104
CIELab	58.33, 0.84, 11.65
CIElCh	58, 11.682, 85.857
Yxy	26.3053, 0.3451, 0.3602
Android (android.graphics.Color)	4288056184 (0xFF968B78)
YUV	140.1230, -9.9206, 8.6621
Hunter-Lab	51.2887, -2.0499, 11.0266

Details

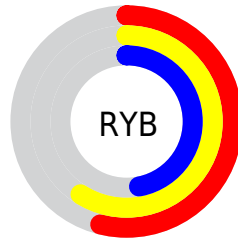
The XYZ color **25.2005, 26.3053, 21.5185** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.3670, 22.4273, 32.0573**, and the grayscale version is **25.0095, 26.3120, 28.6537**.

A 20% lighter version of the original color is **51.1979, 53.5152, 46.6608**, and **9.8877, 10.2653, 7.5912** is the 20% darker color. If you saturate the color by 10%, you get **23.5845, 24.4177, 16.8349**, and if you desaturate by 10%, it is **27.0006, 28.3324, 26.9677**.

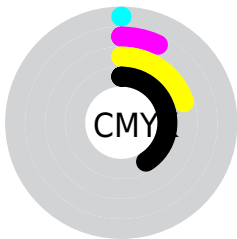
Distribution



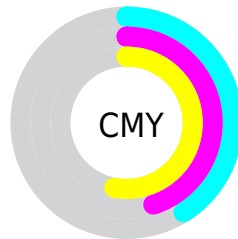
- Red (59%)
- Green (55%)
- Blue (47%)



- Red (54%)
- Yellow (59%)
- Blue (47%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (41%)



- Cyan (41%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2005, 26.3053, 21.5185 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 25.2005, 26.3053, 21.5185 by changing the saturation by 10% instead.

■ 25.2005, 26.3053,
21.5185

■ 25.2005, 26.3053,
21.5185

271.1642,
284.2776, 272.8923

■ 16.3560, 17.0522,
13.3086

■ 51.4229, 53.7671,
46.8408

■ 9.8689, 10.2717,
7.5082

■ 69.5315, 72.7445,
64.7903

■ 5.3737, 5.5795,
3.6987

■ 91.4588, 95.7321,
86.8235

■ 2.5051, 2.5911,
1.4615

117.5703,
123.1144, 113.3588

■ 0.8979, 0.9222,
0.1890

148.2312,
155.2757, 144.8147

■ 0.0000, 0.0000,
0.0000

183.8069,

192.6004, 181.6100

224.6628,
235.4729, 224.1630

■ 25.2005, 26.3053,
21.5185

■ 25.2005, 26.3053,
21.5185

■ 23.5845, 24.4177,
16.8349

■ 27.0006, 28.3324,
26.9677

■ 22.1433, 22.6623,
12.8802

■ 28.9895, 30.4992,
33.2137

■ 20.8699, 21.0361,
9.6172

■ 31.1742, 32.8101,
40.2879

■ 19.7558, 19.5350,
7.0045

■ 33.5608, 35.2686,
48.2195

■ 18.7918, 18.1541,
4.9963

■ 36.1551, 37.8778,
57.0362

■ 17.9674, 16.8883,
3.5411

■ 38.9626, 40.6408,
66.7647

■ 17.2706, 15.7316,
2.5782

■ 41.9887, 43.5604,
77.4303

■ 16.6713, 14.6710,
1.9531

■ 45.2384, 46.6397,
89.0575

■ 16.6713, 14.6710,
1.9531

■ 48.7163, 49.8811,
101.6681

Harmonies

Analogous

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



26.5690, 26.3053, 22.6361



25.2005, 26.3053, 21.5185



23.8285, 26.3053, 22.1558

Triad

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



25.2005, 26.3053, 21.5185



22.6211, 26.3053, 32.1957



27.3350, 26.3053, 33.2669

Complementary

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



25.2005, 26.3053, 21.5185



21.3670, 22.4273, 32.0573

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.



26.2143, 26.3053, 36.2845



25.2005, 26.3053, 21.5185



23.4986, 26.3053, 35.6261

Square

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



25.2005, 26.3053, 21.5185



22.3726, 26.3053, 28.0799



24.8053, 26.3053, 37.1861



27.8306, 26.3053, 29.2116

Rectangle

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



25.2005, 26.3053, 21.5185



23.0907, 26.3053, 23.5259



24.8053, 26.3053, 37.1861



27.0168, 26.3053, 34.4507

Sweetspot

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



25.2012, 26.3065, 21.5191



48.9715, 51.4542, 51.6998



23.3912, 21.5560, 24.4010



10.8091, 11.3552, 11.3211



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.



25.2012, 26.3065, 21.5191



43.1587, 44.9040, 34.1150



26.1509, 29.2801, 22.0430



6.0885, 6.3907, 6.1531



13.8579, 12.2301, 1.6303



0.1978, 0.2061, 0.0294

Inverse Universe

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



21.3670, 22.4273, 32.0573



35.1356, 36.7879, 56.1702



20.5340, 19.9204, 31.6173



5.6632, 5.9604, 7.3217



5.7269, 4.1486, 24.4300



0.0965, 0.1035, 0.3078

Previews

White Background



This preview shows how the XYZ color 25.2005, 26.3053, 21.5185 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 25.2005, 26.3053, 21.5185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

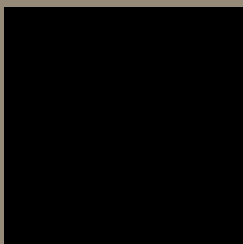
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

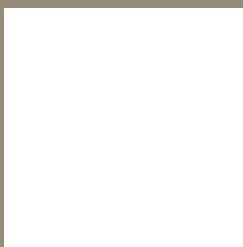
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2005, 26.3053, 21.5185

Background



This preview shows how black text looks on a background with the XYZ color 25.2005, 26.3053, 21.5185.



This preview shows how white text looks on a background with the XYZ color 25.2005, 26.3053,

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

25.2005, 26.3053, 21.5185

Protanopia

24.8009, 26.3153, 21.5415

Deuteranopia

26.8131, 26.2855, 21.7496



Tritanopia

26.9891, 26.1756, 30.8240

Trichromacy



Original Color

25.2005, 26.3053, 21.5185

Protanomaly

24.9810, 26.4081, 21.5499

Deuteranomaly

26.1600, 26.1569, 21.7592

Tritanomaly

26.2684, 26.0899, 27.3183

Monochromacy



Original Color

25.2005, 26.3053, 21.5185

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.1133, 26.3789, 25.9583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2005, 26.3053, 21.5185 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(150, 139, 120)` looks like.

```
.text, #text, p{  
    color:rgb(150, 139, 120)  
}
```

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(150, 139, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 139, 120) }
```

Border

The CSS property to change the border of an element to XYZ 25.2005, 26.3053, 21.5185 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(150, 139, 120) }
```


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

```
.border{ border-color:rgb(150, 139, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 139, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 139, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 139, 120);  
box-shadow:4px 4px 4px 4px rgb(150, 139,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2005, 26.3053, 21.5185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 139, 120) }
```

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

```
.background{ background-color: rgb(150,  
139, 120) }
```

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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