

Converting Colors

XYZ(26.4905, 27.0304, 20.1657)

Have a look what the booklet for
XYZ(26.4905, 27.0304, 20.1657)
contains.

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Color

**XYZ(26.4277, 26.9721,
20.0329)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8B73
RGB	158, 139, 115
RGB Percent	62%, 55%, 45%
CMY	0.3804, 0.4549, 0.5490
CMYK	0.00, 0.12, 0.27, 0.38
HSL	33°, 18%, 54%
HSV	33°, 27%, 62%
XYZ	26.4277, 26.9721, 20.0329
YIQ	141.9450, 19.0280, -3.4360

Conversions

Conversions Part 2

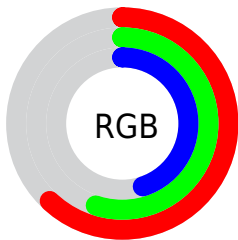
Format	Color
R_{YB}	149, 158, 115
Decimal	10390387
CIE _{Lab}	58.95, 3.29, 15.47
CIE _{LCh}	59, 15.816, 77.990
Yxy	26.9721, 0.3599, 0.3673
Android (android.graphics.Color)	4288580467 (0xFF9E8B73)
YUV	141.9450, -13.2839, 14.0802
Hunter-Lab	51.9347, -0.0534, 13.4842

Details

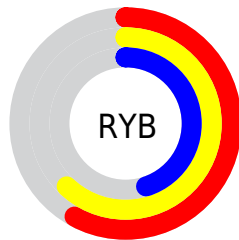
The XYZ color **26.4277, 26.9721, 20.0329** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.7668, 23.1632, 35.6717**, and the grayscale version is **25.7356, 27.0758, 29.4856**.

A 20% lighter version of the original color is **53.2653, 54.6354, 44.2975**, and **10.5294, 10.6142, 6.8040** is the 20% darker color. If you saturate the color by 10%, you get **24.6169, 24.6828, 15.3217**, and if you desaturate by 10%, it is **28.4604, 29.4553, 25.5876**.

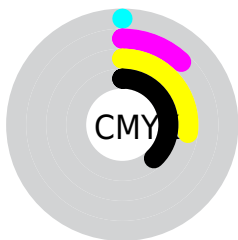
Distribution



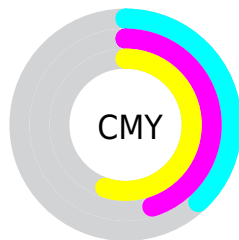
- Red (62%)
- Green (55%)
- Blue (45%)



- Red (58%)
- Yellow (62%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (27%)
- Black (38%)



- Cyan (38%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4277, 26.9721, 20.0329 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 26.4277, 26.9721, 20.0329 by changing the saturation by 10% instead.

■ 26.4277, 26.9721,
20.0329

■ 26.4277, 26.9721,
20.0329

277.0937,
287.5220, 264.7033

■ 17.2782, 17.5523,
12.2346

■ 53.3905, 54.8391,
44.3320

■ 10.5296, 10.6290,
6.7792

■ 71.9346, 74.0550,
61.6700

■ 5.8164, 5.8180,
3.2481

■ 94.3409, 97.3052,
83.0249

■ 2.7734, 2.7347,
1.2227

120.9749,
124.9738, 108.8154

■ 1.0351, 0.9949,
0.0000

152.2017,
157.4455, 139.4599

■ 0.0000, 0.0000,
0.0000

188.3869,

195.1044, 175.3771

229.8958,
238.3352, 216.9853

■ 26.4277, 26.9721,
20.0329

■ 26.4277, 26.9721,
20.0329

■ 24.6169, 24.6828,
15.3217

■ 28.4604, 29.4553,
25.5876

■ 23.0166, 22.5781,
11.4099

■ 30.7213, 32.1341,
32.0233

■ 21.6177, 20.6533,
8.2523

■ 33.2192, 35.0145,
39.3774

■ 20.4095, 18.9022,
5.7982

■ 35.9618, 38.1016,
47.6845

■ 19.3797, 17.3178,
3.9904

■ 38.9562, 41.3998,
56.9775

■ 18.5147, 15.8923,
2.7629

■ 42.2094, 44.9137,
67.2877

■ 17.7929, 14.6150,
2.0096

■ 45.7281, 48.6475,
78.6450

■ 17.6066, 14.2810,
1.8285

■ 49.5186, 52.6054,
91.0779

■ 53.2305, 56.6489,
102.7365

Harmonies

Analogous

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



28.2396, 26.9721, 22.0622



26.4277, 26.9721, 20.0329



24.4908, 26.9721, 20.2593

Triad

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



26.4277, 26.9721, 20.0329



22.2191, 26.9721, 32.8259



28.5369, 26.9721, 37.1924

Complementary

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



26.4277, 26.9721, 20.0329



21.7668, 23.1632, 35.6717

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.



26.8167, 26.9721, 40.8646



26.4277, 26.9721, 20.0329



23.1979, 26.9721, 38.1312

Square

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



26.4277, 26.9721, 20.0329



22.1269, 26.9721, 27.1808



24.8606, 26.9721, 41.2285



29.4982, 26.9721, 31.6696

Rectangle

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



26.4277, 26.9721, 20.0329



23.3877, 26.9721, 21.6628



24.8606, 26.9721, 41.2285



28.0243, 26.9721, 38.7129

Sweetspot

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



26.4284, 26.9733, 20.0335



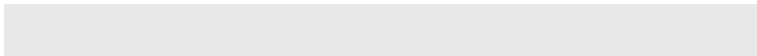
55.3846, 57.8814, 56.9832



24.5591, 21.2619, 25.4923



12.3482, 12.8871, 12.4487



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.4284, 26.9733, 20.0335



45.8333, 46.2692, 30.7077



29.0029, 32.7447, 21.0118



6.9247, 7.2293, 7.0161



14.1407, 11.5171, 1.4777



0.2946, 0.2895, 0.0404

Inverse Universe

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



21.7668, 23.1632, 35.6717



35.8486, 38.1103, 64.2101



19.6589, 18.5228, 34.8871



6.5138, 6.8934, 8.3939



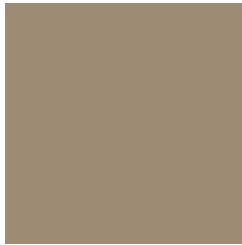
6.7252, 5.5418, 26.6225



0.1617, 0.1821, 0.4899

Previews

White Background



This preview shows how the XYZ color 26.4277, 26.9721, 20.0329 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 26.4277, 26.9721, 20.0329 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 26.4277, 26.9721, 20.0329

Background



This preview shows how black text looks on a background with the XYZ color 26.4277, 26.9721, 20.0329.



This preview shows how white text looks on a background with the XYZ color 26.4277, 26.9721,

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

26.4277, 26.9721, 20.0329

Protanopia

25.4031, 27.0910, 20.4132

Deuteranopia

27.4736, 26.8686, 20.2611



Tritanopia

28.6751, 27.0537, 30.4986

Trichromacy



Original Color

26.4277, 26.9721, 20.0329

Protanomaly

25.8141, 27.0830, 20.3900

Deuteranomaly

26.9983, 26.8337, 20.2794

Tritanomaly

27.8052, 26.9066, 26.2823

Monochromacy



Original Color

26.4277, 26.9721, 20.0329

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.9025, 27.0116, 25.6783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4277, 26.9721, 20.0329 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(158, 139, 115)` looks like.

```
.text, #text, p{  
    color:rgb(158, 139, 115)  
}
```

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(158, 139, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 139, 115) }
```

Border

The CSS property to change the border of an element to XYZ 26.4277, 26.9721, 20.0329 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(158, 139, 115) }
```


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

```
.border{ border-color:rgb(158, 139, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 139, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 139, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 139, 115);  
box-shadow:4px 4px 4px 4px rgb(158, 139,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4277, 26.9721, 20.0329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 139, 115) }
```

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

```
.background{ background-color: rgb(158,  
139, 115) }
```

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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