

Converting Colors

XYZ(25.1215, 24.4006, 16.3131)

Have a look what the booklet for
XYZ(25.1215, 24.4006, 16.3131)
contains.

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Color

**XYZ(24.9964, 24.2569,
16.1966)**

Conversions

Conversions Part 1

Format	Color
Hex	A18167
RGB	161, 129, 103
RGB Percent	63%, 51%, 40%
CMY	0.3686, 0.4941, 0.5961
CMYK	0.00, 0.20, 0.36, 0.37
HSL	27°, 24%, 52%
HSV	27°, 36%, 63%
XYZ	24.9964, 24.2569, 16.1966
YIQ	135.6040, 27.4180, -1.3020

Conversions

Conversions Part 2

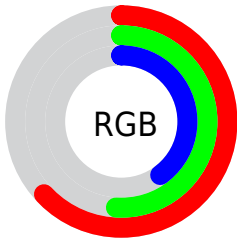
Format	Color
R_{YB}	161, 150, 103
Decimal	10584423
CIE _{Lab}	56.34, 8.52, 18.76
CIE _{LCh}	56, 20.603, 65.586
Yxy	24.2569, 0.3819, 0.3706
Android (android.graphics.Color)	4288774503 (0xFFA18167)
YUV	135.6040, -16.0738, 22.2723
Hunter-Lab	49.2513, 4.4039, 14.9780

Details

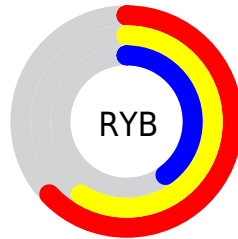
The XYZ color **24.9964, 24.2569, 16.1966** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.6902, 22.7839, 37.0254**, and the grayscale version is **23.3052, 24.5189, 26.7011**.

A 20% lighter version of the original color is **51.1760, 50.5407, 37.6299**, and **9.7668, 9.2110, 5.0045** is the 20% darker color. If you saturate the color by 10%, you get **23.1454, 21.7260, 11.9693**, and if you desaturate by 10%, it is **27.1059, 27.0557, 21.2783**.

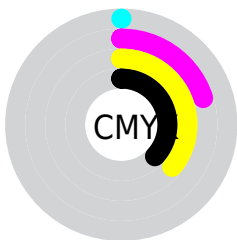
Distribution



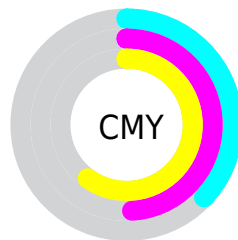
- Red (63%)
- Green (51%)
- Blue (40%)



- Red (63%)
- Yellow (59%)
- Blue (40%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (37%)



- Cyan (37%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9964, 24.2569, 16.1966 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 24.9964, 24.2569, 16.1966 by changing the saturation by 10% instead.


 24.9964, 24.2569,
16.1966


 24.9964, 24.2569,
16.1966


270.1680,
274.1167, 242.3842


 16.2031, 15.5243,
9.5075


 51.0943, 50.4491,
37.7107


 9.7597, 9.1882,
4.9724


 69.1296, 68.6775,
53.3728

 5.3010, 4.8641,
2.1726

 90.9763, 90.8399,
72.8630

 2.4615, 2.1678,
0.6585

 116.9998,
117.3208, 96.5998

 0.8759, 0.7023,
0.0000

147.5653,
148.5045, 125.0018

 0.0000, 0.0000,
0.0000

183.0383,

184.7755, 158.4875

223.7840,
226.5181, 197.4755

■ 24.9964, 24.2569,
16.1966

■ 24.9964, 24.2569,
16.1966

■ 23.1454, 21.7260,
11.9693

■ 27.1059, 27.0557,
21.2783

■ 21.5397, 19.4510,
8.5470

■ 29.4830, 30.1273,
27.2573

■ 20.1671, 17.4235,
5.8772

■ 32.1381, 33.4807,
34.1752

■ 19.0140, 15.6337,
3.9005

■ 35.0809, 37.1235,
42.0706

■ 18.0644, 14.0705,
2.5484

■ 38.3204, 41.0627,
50.9800

■ 17.2978, 12.7207,
1.7275

■ 41.8651, 45.3054,
60.9379

■ 17.0271, 12.2354,
1.4642

■ 45.7233, 49.8581,
71.9772

■ 49.9030, 54.7275,
84.1293

■ 54.4116, 59.9197,
97.4245

Harmonies

Analogous

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



26.9752, 24.2569, 19.5041



24.9964, 24.2569, 16.1966



22.6135, 24.2569, 15.4098

Triad

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



24.9964, 24.2569, 16.1966



18.7997, 24.2569, 27.7062



25.8184, 24.2569, 38.5492

Complementary

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



24.9964, 24.2569, 16.1966



20.6902, 22.7839, 37.0254

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.



23.5032, 24.2569, 41.6962



24.9964, 24.2569, 16.1966



19.5351, 24.2569, 34.7834

Square

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



24.9964, 24.2569, 16.1966



19.1395, 24.2569, 21.3629



21.2177, 24.2569, 40.2118



27.4722, 24.2569, 32.1990

Rectangle

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



24.9964, 24.2569, 16.1966



21.1376, 24.2569, 16.2784



21.2177, 24.2569, 40.2118



25.0859, 24.2569, 40.0622

Sweetspot

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



24.9970, 24.2580, 16.1971



55.0291, 56.7849, 54.5698



23.9828, 19.0516, 25.6564



11.9390, 12.2897, 11.6310



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.



24.9970, 24.2580, 16.1971



42.1479, 39.8744, 22.9868



29.2257, 32.7155, 17.6067



7.3230, 7.5844, 7.4581



13.6387, 9.8513, 1.1827



0.3335, 0.3009, 0.0405

Inverse Universe

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



20.6902, 22.7839, 37.0254



33.3031, 36.8409, 65.7423



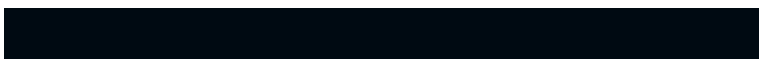
17.2706, 15.9447, 35.8856



7.0092, 7.4773, 8.9769



8.0200, 7.8194, 28.0164



0.2148, 0.2569, 0.6041

Previews

White Background



This preview shows how the XYZ color 24.9964, 24.2569, 16.1966 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 24.9964, 24.2569, 16.1966 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 24.9964, 24.2569, 16.1966

Background



This preview shows how black text looks on a background with the XYZ color 24.9964, 24.2569, 16.1966.



This preview shows how white text looks on a background with the XYZ color 24.9964, 24.2569,

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

24.9964, 24.2569, 16.1966

Protanopia

22.7671, 24.2978, 17.1257

Deuteranopia

24.7289, 24.3155, 16.2220



Tritanopia

26.9465, 24.2810, 25.8207

Trichromacy



Original Color

24.9964, 24.2569, 16.1966

Protanomaly

23.5150, 24.2790, 16.8115

Deuteranomaly

24.9280, 24.4181, 16.2313

Tritanomaly

26.1403, 24.1383, 22.0203

Monochromacy



Original Color

24.9964, 24.2569, 16.1966

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.7027, 24.2500, 22.5002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9964, 24.2569, 16.1966 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(161, 129, 103)` looks like.

```
.text, #text, p{  
    color:rgb(161, 129, 103)  
}
```

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(161, 129, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 129, 103) }
```

Border

The CSS property to change the border of an element to XYZ 24.9964, 24.2569, 16.1966 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(161, 129, 103) }
```


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

```
.border{ border-color:rgb(161, 129, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 129, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 129, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 129, 103);  
box-shadow:4px 4px 4px 4px rgb(161, 129,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9964, 24.2569, 16.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 129, 103) }
```

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

```
.background{ background-color: rgb(161,  
129, 103) }
```

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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