

Converting Colors

XYZ(8.2763, 10.6123, 9.0504)

Have a look what the booklet for
XYZ(8.2763, 10.6123, 9.0504)
contains.

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Color

**XYZ(8.2332, 10.5651,
9.0025)**

Conversions

Conversions Part 1

Format	Color
Hex	45624F
RGB	69, 98, 79
RGB Percent	27%, 38%, 31%
CMY	0.7294, 0.6157, 0.6902
CMYK	0.30, 0.00, 0.19, 0.62
HSL	141°, 17%, 33%
HSV	141°, 30%, 38%
XYZ	8.2332, 10.5651, 9.0025
YIQ	87.1630, -11.1850, -12.0570

Conversions

Conversions Part 2

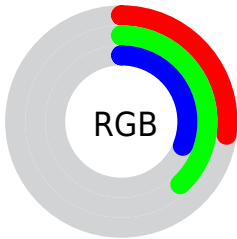
Format	Color
RYB	69, 91, 98
Decimal	4547151
CIELab	38.84, -15.14, 7.42
CIElCh	39, 16.860, 153.893
Yxy	10.5651, 0.2961, 0.3800
Android (android.graphics.Color)	4282737231 (0xFF45624F)
YUV	87.1630, -4.0244, -15.9290
Hunter-Lab	32.5040, -11.6683, 6.3315

Details

The XYZ color **8.2332, 10.5651, 9.0025** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.9269, 7.5577, 10.2212**, and the grayscale version is **9.1046, 9.5787, 10.4312**.

A 20% lighter version of the original color is **22.1149, 26.9050, 24.4497**, and **1.8639, 2.6832, 2.0098** is the 20% darker color. If you saturate the color by 10%, you get **7.3721, 10.1472, 7.8007**, and if you desaturate by 10%, it is **9.2323, 11.0521, 10.3291**.

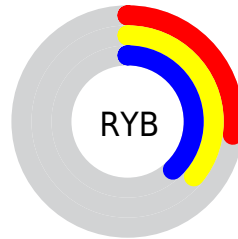
Distribution



 Red (27%)

 Green (38%)

 Blue (31%)



 Red (27%)

 Yellow (36%)

 Blue (38%)

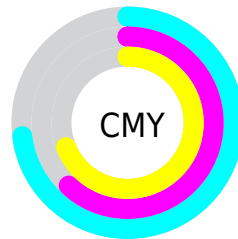


 Cyan (30%)

 Magenta (0%)

 Yellow (19%)

 Black (62%)



 Cyan (73%)

 Magenta (62%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.2332, 10.5651, 9.0025 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 8.2332, 10.5651, 9.0025 by changing the saturation by 10% instead.

8.2332, 10.5651,
9.0025

8.2332, 10.5651,
9.0025

171.8809,
194.6591, 193.6153

4.2976, 5.7752,
4.6460

22.0954, 26.8531,
24.4794

1.8718, 2.7089,
1.9860

32.7527, 39.1200,
36.4368

0.5604, 0.9817,
0.5467

46.3813, 54.6481,
51.7649

0.0000, 0.0000,
0.0000

63.3466, 73.8216,
70.8823

84.0138, 97.0251,
94.2075

108.7484,

124.6429, 122.1591

137.9156,
157.0594, 155.1555

■ 8.2332, 10.5651,
9.0025

■ 8.2332, 10.5651,
9.0025

■ 7.3721, 10.1472,
7.8007

■ 9.2323, 11.0521,
10.3291

■ 6.6420, 9.7940,
6.7193

■ 10.3744, 11.6099,
11.7833

■ 6.0362, 9.5024,
5.7548

■ 11.6654, 12.2417,
13.3687

■ 5.5474, 9.2688,
4.9033

■ 13.1104, 12.9500,
15.0883

■ 5.1674, 9.0889,
4.1604

■ 14.7144, 13.7375,
16.9454

■ 4.8867, 8.9581,
3.5217

■ 16.4821, 14.6064,
18.9429

■ 4.6624, 8.8542,
2.9808

■ 18.4181, 15.5591,
21.0836

■ 4.6537, 8.8501,
2.9608

■ 20.5268, 16.5977,
23.3705

■ 22.8123, 17.7243,
25.8063

Harmonies

Analogous

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



8.8906, 10.5651, 7.1141



8.2332, 10.5651, 9.0025



8.0469, 10.5651, 11.9265

Triad

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



8.2332, 10.5651, 9.0025



10.1884, 10.5651, 18.8005



11.9332, 10.5651, 8.4018

Complementary

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



8.2332, 10.5651, 9.0025



8.9269, 7.5577, 10.2212

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.



12.3418, 10.5651, 11.0908



8.2332, 10.5651, 9.0025



11.2884, 10.5651, 17.4053

Square

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



8.2332, 10.5651, 9.0025



9.1256, 10.5651, 17.9618



12.0976, 10.5651, 14.4297



11.0174, 10.5651, 6.8151

Rectangle

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



8.2332, 10.5651, 9.0025



8.2025, 10.5651, 14.1805



12.0976, 10.5651, 14.4297



12.1374, 10.5651, 9.1867

Sweetspot

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



8.2335, 10.5655, 9.0027



18.2490, 20.3786, 20.7352



9.4984, 11.2566, 7.3024



4.2852, 4.8182, 4.8630



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



8.2335, 10.5655, 9.0027



13.2768, 17.9552, 14.1800



8.8054, 10.7943, 12.0145



2.5762, 2.8693, 2.9286



6.1773, 11.7770, 3.8402



32.6199, 62.7629, 18.5092

Inverse Universe

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



8.9269, 7.5577, 10.2212



14.7207, 11.6875, 16.7138



8.3958, 7.3453, 7.4246



2.6349, 2.6149, 3.0319



7.9272, 3.9457, 6.7362



41.9230, 20.9087, 33.7445

Previews

White Background



This preview shows how the XYZ color 8.2332, 10.5651, 9.0025 looks on a white background.

Color Contrast Check

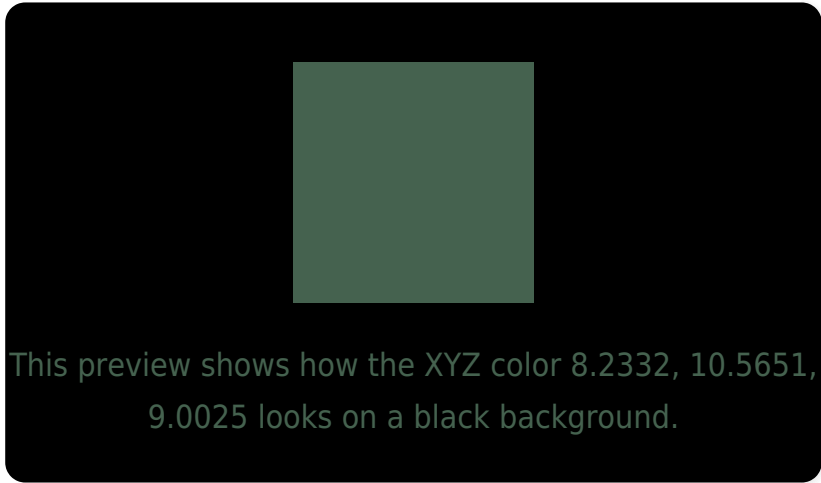
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

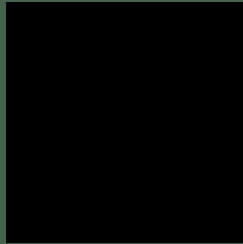
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 8.2332, 10.5651, 9.0025

Background



This preview shows how black text looks on a background with the XYZ color 8.2332, 10.5651, 9.0025.



This preview shows how white text looks on a background with the XYZ color 8.2332, 10.5651, 9.0025.

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

8.2332, 10.5651, 9.0025

Protanopia

9.8695, 10.4908, 8.3422

Deuteranopia

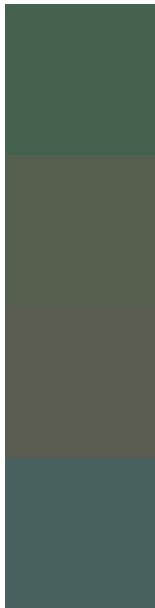
10.6838, 10.5166, 9.2514



Tritanopia

9.3145, 10.5996, 14.1254

Trichromacy



Original Color

8.2332, 10.5651, 9.0025

Protanomaly

9.1800, 10.5197, 8.5678

Deuteranomaly

9.5895, 10.4576, 9.1025

Tritanomaly

8.8757, 10.5516, 12.1585

Monochromacy



Original Color

8.2332, 10.5651, 9.0025

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

8.6496, 9.8277, 9.8286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.2332, 10.5651, 9.0025 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(69, 98, 79) looks like.

```
.text, #text, p{  
    color:rgb(69, 98, 79)  
}
```

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(69, 98, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 98, 79) }
```

Border

The CSS property to change the border of an element to XYZ 8.2332, 10.5651, 9.0025 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(69, 98, 79) }
```


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

```
.border{ border-color:rgb(69, 98, 79) }
```

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

Here you see how a box with a 4 pixel rgb(69, 98, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 98, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 98, 79);  
box-shadow:4px 4px 4px 4px rgb(69, 98, 79)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.2332, 10.5651, 9.0025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 98, 79) }
```

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

```
.background{ background-color: rgb(69, 98,  
79) }
```

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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