

Converting Colors

XYZ(8.7664, 10.5527, 9.5575)

Have a look what the booklet for
XYZ(8.7664, 10.5527, 9.5575)
contains.

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Color

**XYZ(8.7664, 10.5527,
9.5575)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6052
RGB	77, 96, 82
RGB Percent	30%, 38%, 32%
CMY	0.6980, 0.6235, 0.6784
CMYK	0.20, 0.00, 0.15, 0.62
HSL	136°, 11%, 34%
HSV	136°, 20%, 38%
XYZ	8.7664, 10.5527, 9.5575
YIQ	88.7230, -6.8300, -8.3820

Conversions

Conversions Part 2

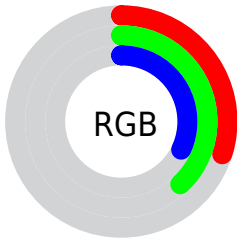
Format	Color
R_{YB}	77, 92, 96
Decimal	5070930
CIE _{Lab}	38.82, -10.37, 5.63
CIE _{LCh}	39, 11.799, 151.516
Yxy	10.5527, 0.3036, 0.3654
Android (android.graphics.Color)	4283261010 (0xFF4D6052)
YUV	88.7230, -3.3144, -10.2811
Hunter-Lab	32.4849, -8.6785, 5.2955

Details

The XYZ color **8.7664, 10.5527, 9.5575** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.3664, 8.5501, 11.0546**, and the grayscale version is **9.4427, 9.9345, 10.8186**.

A 20% lighter version of the original color is **23.1346, 26.9418, 25.4537**, and **2.0702, 2.7219, 2.1665** is the 20% darker color. If you saturate the color by 10%, you get **7.7928, 10.0806, 8.1786**, and if you desaturate by 10%, it is **9.8827, 11.0957, 11.0885**.

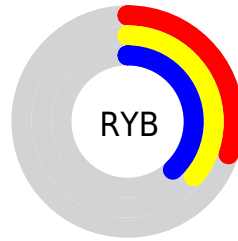
Distribution



 Red (30%)

 Green (38%)

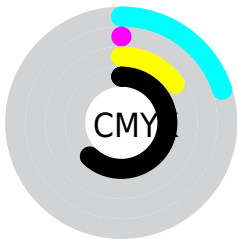
 Blue (32%)



 Red (30%)

 Yellow (36%)

 Blue (38%)

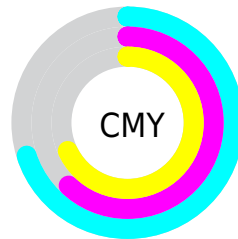



 Cyan (20%)

 Magenta (0%)

 Yellow (15%)

 Black (62%)



 Cyan (70%)

 Magenta (62%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.7664, 10.5527, 9.5575 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 8.7664, 10.5527, 9.5575 by changing the saturation by 10% instead.

■ 8.7664, 10.5527,
9.5575

■ 8.7664, 10.5527,
9.5575

175.8698,
194.5725, 197.8527

■ 4.6450, 5.7669,
5.0048

■ 23.1191, 26.8300,
25.5545

■ 2.0731, 2.7039,
2.1913

■ 34.0811, 39.0903,
37.8359

■ 0.6745, 0.9792,
0.6693

■ 48.0540, 54.6110,
53.5306

■ 0.0000, 0.0000,
0.0000

■ 65.4032, 73.7763,
73.0571

■ 86.4940, 96.9707,
96.8341

111.6918,

124.5787, 125.2800

141.3619,
156.9845, 158.8133

■ 8.7664, 10.5527,
9.5575

■ 8.7664, 10.5527,
9.5575

■ 7.7928, 10.0806,
8.1786

■ 9.8827, 11.0957,
11.0885

■ 6.9553, 9.6753,
6.9463

■ 11.1463, 11.7111,
12.7752

■ 6.2478, 9.3339,
5.8561

■ 12.5627, 12.4019,
14.6222

■ 5.6636, 9.0533,
4.9029

■ 14.1368, 13.1705,
16.6336

■ 5.1954, 8.8296,
4.0810

■ 15.8734, 14.0193,
18.8132

■ 4.8350, 8.6588,
3.3848

■ 17.7770, 14.9505,
21.1650

■ 4.5731, 8.5363,
2.8079

■ 19.8519, 15.9664,
23.6926

■ 4.3655, 8.4394,
2.3420

■ 22.1022, 17.0689,
26.3995

■ 4.3614, 8.4375,
2.3335

■ 24.5321, 18.2601,
29.2893

Harmonies

Analogous

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



9.2649, 10.5527, 8.1980



8.7664, 10.5527, 9.5575



8.6016, 10.5527, 11.6043

Triad

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



8.7664, 10.5527, 9.5575



10.0698, 10.5527, 16.3513



11.3663, 10.5527, 9.3841

Complementary

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



8.7664, 10.5527, 9.5575



9.3664, 8.5501, 11.0546

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.



11.6084, 10.5527, 11.3766



8.7664, 10.5527, 9.5575



10.8362, 10.5527, 15.5631

Square

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



8.7664, 10.5527, 9.5575



9.3303, 10.5527, 15.7029



11.4096, 10.5527, 13.6671



10.7639, 10.5527, 8.1075

Rectangle

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



8.7664, 10.5527, 9.5575



8.6960, 10.5527, 13.1418



11.4096, 10.5527, 13.6671



11.4939, 10.5527, 9.9829

Sweetspot

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



8.7667, 10.5531, 9.5577



18.0798, 19.8101, 20.4580



9.8619, 11.1389, 8.6515



4.4679, 4.9084, 5.0512



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.



8.7667, 10.5531, 9.5577



14.4835, 18.0618, 15.5164



9.1429, 10.7036, 11.5387



2.5686, 2.8662, 2.8884



6.0446, 11.7239, 3.1412



31.9713, 62.5035, 15.0937

Inverse Universe

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



9.3664, 8.5501, 11.0546



15.7532, 13.8195, 18.6847



8.9915, 8.4001, 9.0805



2.6429, 2.6181, 3.0739



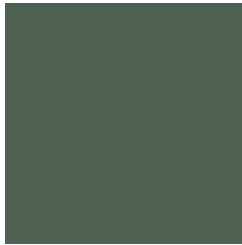
8.2563, 4.0774, 8.4694



43.7313, 21.6320, 43.2669

Previews

White Background



This preview shows how the XYZ color 8.7664, 10.5527, 9.5575 looks on a white background.

Color Contrast Check

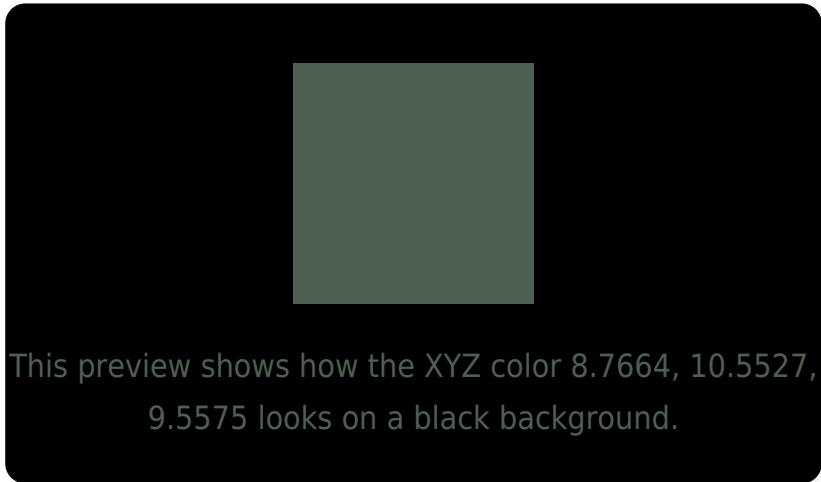
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.7664, 10.5527, 9.5575

Background



This preview shows how black text looks on a background with the XYZ color 8.7664, 10.5527, 9.5575.

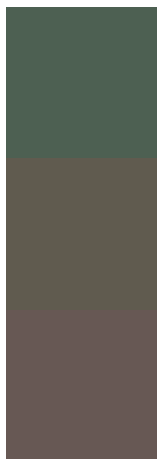


This preview shows how white text looks on a background with the XYZ color 8.7664, 10.5527, 9.5575.

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

8.7664, 10.5527, 9.5575

Protanopia

9.9762, 10.5335, 8.9045

Deuteranopia

10.6835, 10.5031, 9.8517



Tritanopia

9.5716, 10.4738, 13.8291

Trichromacy



Original Color

8.7664, 10.5527, 9.5575

Protanomaly

9.4821, 10.5317, 9.1225

Deuteranomaly

9.9185, 10.4864, 9.6849

Tritanomaly

9.2475, 10.4758, 12.1243

Monochromacy



Original Color

8.7664, 10.5527, 9.5575

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

9.2532, 10.2575, 10.2963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.7664, 10.5527, 9.5575 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(77, 96, 82)` looks like.

```
.text, #text, p{  
    color:rgb(77, 96, 82)  
}
```

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(77, 96, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 96, 82) }
```

Border

The CSS property to change the border of an element to XYZ 8.7664, 10.5527, 9.5575 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(77, 96, 82) }
```


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

```
.border{ border-color:rgb(77, 96, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 96, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 96, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 96, 82);  
box-shadow:4px 4px 4px 4px rgb(77, 96, 82)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.7664, 10.5527, 9.5575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 96, 82) }
```

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

```
.background{ background-color: rgb(77, 96,  
82) }
```

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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