

Converting Colors

XYZ(5.3580, 10.0859, 9.8273)

Have a look what the booklet for
XYZ(5.3580, 10.0859, 9.8273)
contains.

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Color

**XYZ(6.6129, 10.7277,
9.9057)**

Conversions

Conversions Part 1

Format	Color
Hex	006953
RGB	0, 105, 83
RGB Percent	0%, 41%, 33%
CMY	1.0000, 0.5882, 0.6745
CMYK	1.00, 0.00, 0.21, 0.59
HSL	167°, 100%, 21%
HSV	167°, 100%, 41%
XYZ	6.6129, 10.7277, 9.9057
YIQ	71.0970, -55.5180, -29.1020

Conversions

Conversions Part 2

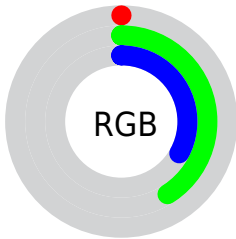
Format	Color
RYB	0, 59, 105
Decimal	26963
CIELab	39.12, -31.93, 5.08
CIELCh	39, 32.333, 170.960
Yxy	10.7277, 0.2427, 0.3937
Android (android.graphics.Color)	4278217043 (0xFF006953)
YUV	71.0970, 5.8682, -62.3521
Hunter-Lab	32.7532, -21.2787, 4.9959

Details

The XYZ color **6.6129, 10.7277, 9.9057** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5.9709, 3.0614, 1.0356**, and the grayscale version is **6.0031, 6.3157, 6.8778**.

A 20% lighter version of the original color is **18.8943, 27.1576, 26.0759**, and **1.8130, 3.0662, 2.3300** is the 20% darker color. If you saturate the color by 10%, you get **6.6131, 10.7281, 9.9057**, and if you desaturate by 10%, it is **6.8310, 10.8304, 10.3667**.

Distribution



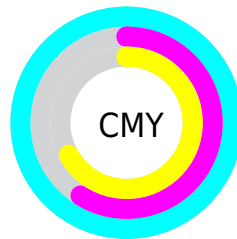
- Red (0%)
- Green (41%)
- Blue (33%)



- Red (0%)
- Yellow (23%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (59%)





- Cyan (100%)
- Magenta (59%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 6.6129, 10.7277, 9.9057 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 6.6129, 10.7277, 9.9057 by changing the saturation by 10% instead.


 6.6129, 10.7277,
9.9057


 6.6129, 10.7277,
9.9057


159.0232,
195.7898, 200.4580


 3.2654, 5.8840,
5.2317

 18.9026, 27.1555,
26.2230


 1.2956, 2.7747,
2.3227


 28.5756, 39.5085,
38.7034

 0.1799, 1.0153,
0.7439

 41.0877, 55.1333,
54.6230

 0.0000, 0.0000,
0.0000

 56.8043, 74.4145,
74.4003

 76.0908, 97.7363,
98.4540

 99.3126, 125.4832,

127.2024

126.8349,
158.0395, 161.0643

6.6129, 10.7277,
9.9057

6.6129, 10.7277,
9.9057

6.6131, 10.7281,
9.9057

6.8310, 10.8304,
10.3667

7.0979, 10.9577,
10.8440

7.4607, 11.1342,
11.3400

7.9300, 11.3651,
11.8556

8.5146, 11.6553,
12.3910

■ 9.2227, 12.0088,
12.9470

■ 10.0616, 12.4293,
13.5239

■ 11.0381, 12.9205,
14.1222

■ 12.1583, 13.4854,
14.7423

Harmonies

Analogous

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



7.2927, 10.7277, 5.6655



6.6129, 10.7277, 9.9057



6.7820, 10.7277, 16.4856

Triad

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



6.6129, 10.7277, 9.9057



11.7592, 10.7277, 26.7262



13.0497, 10.7277, 4.6520

Complementary

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



6.6129, 10.7277, 9.9057



5.9709, 3.0614, 1.0356

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.



14.5989, 10.7277, 7.9138



6.6129, 10.7277, 9.9057



13.7836, 10.7277, 20.9144

Square

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



6.6129, 10.7277, 9.9057



9.5561, 10.7277, 27.8544



14.8849, 10.7277, 13.6559



10.8645, 10.7277, 3.4194

Rectangle

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



6.6129, 10.7277, 9.9057



7.3646, 10.7277, 21.3689



14.8849, 10.7277, 13.6559



13.6743, 10.7277, 5.4786

Sweetspot

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



6.6132, 10.7281, 9.9060



17.8759, 22.1851, 24.1242



5.3996, 10.2828, 1.7004



4.0760, 5.1410, 5.5768



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



6.6132, 10.7281, 9.9060



11.7975, 19.1918, 17.5072



5.0832, 6.0865, 14.2720



3.1560, 3.4816, 3.8052



8.3597, 13.5780, 12.4714



42.2739, 69.0567, 61.8487

Inverse Universe

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



5.9709, 3.0614, 1.0356



10.6516, 5.4657, 1.6465



6.2840, 3.9195, 0.4255



3.1233, 3.1262, 3.3797



7.5475, 3.8711, 1.2455



38.1905, 19.6182, 4.9401

Previews

White Background



This preview shows how the XYZ color 6.6129, 10.7277, 9.9057 looks on a white background.

Color Contrast Check

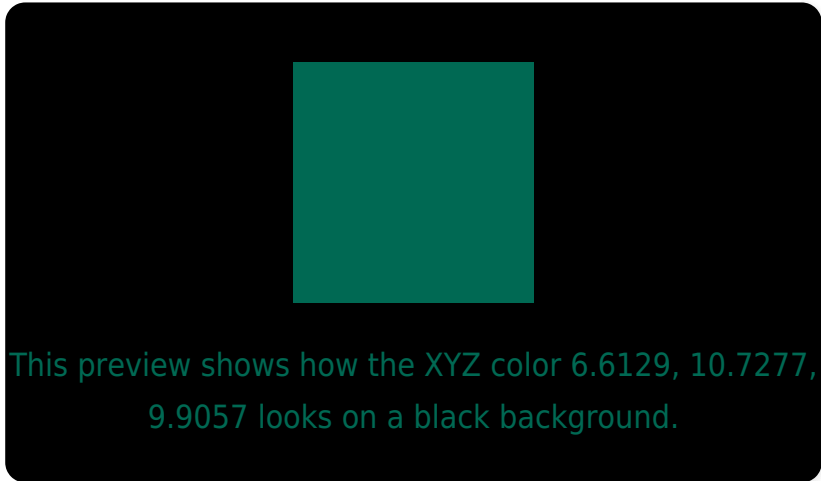
Large Text (above 18pt) WCAG AA ✓ Pass

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 6.6129, 10.7277, 9.9057

Background



This preview shows how black text looks on a background with the XYZ color 6.6129, 10.7277, 9.9057.



This preview shows how white text looks on a background with the XYZ color 6.6129, 10.7277, 9.9057.

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

6.6129, 10.7277, 9.9057

Protanopia

10.0614, 10.7175, 8.3759

Deuteranopia

10.8862, 10.7164, 10.5115



Tritanopia

8.0638, 10.7402, 16.3999

Trichromacy



Original Color

6.6129, 10.7277, 9.9057

Protanomaly

7.6726, 10.1380, 8.9496

Deuteranomaly

8.0187, 10.0146, 10.3145

Tritanomaly

7.3401, 10.5716, 13.7102

Monochromacy



Original Color

6.6129, 10.7277, 9.9057

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

5.4454, 7.2524, 7.7695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.6129, 10.7277, 9.9057 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(0, 105, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 83)  
}
```

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(0, 105, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 83) }
```

Border

The CSS property to change the border of an element to XYZ 6.6129, 10.7277, 9.9057 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(0, 105, 83) }
```


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

```
.border{ border-color:rgb(0, 105, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 105, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 83);  
box-shadow:4px 4px 4px 4px rgb(0, 105, 83)  
}
```

Background

The CSS property to change the background color of an element to XYZ 6.6129, 10.7277, 9.9057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 83) }
```

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

```
.background{ background-color: rgb(0, 105,  
83) }
```

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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