

Converting Colors

XYZ(1.7510, 8.3930, 7.1333)

Have a look what the booklet for
XYZ(1.7510, 8.3930, 7.1333)
contains.

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Color

**XYZ(6.2282, 10.7377,
7.3746)**

Conversions

Conversions Part 1

Format	Color
Hex	006A45
RGB	0, 106, 69
RGB Percent	0%, 42%, 27%
CMY	1.0000, 0.5843, 0.7294
CMYK	1.00, 0.00, 0.35, 0.58
HSL	159°, 100%, 21%
HSV	159°, 100%, 42%
XYZ	6.2282, 10.7377, 7.3746
YIQ	70.0880, -51.2990, -33.9790

Conversions

Conversions Part 2

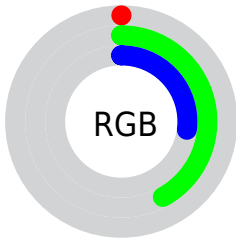
Format	Color
RYB	0, 64, 106
Decimal	27205
CIELab	39.14, -36.07, 13.54
CIELCh	39, 38.529, 159.432
Yxy	10.7377, 0.2559, 0.4411
Android (android.graphics.Color)	4278217285 (0xFF006A45)
YUV	70.0880, -0.5364, -61.4672
Hunter-Lab	32.7684, -23.4178, 9.5946

Details

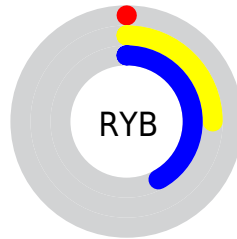
The XYZ color **6.2282, 10.7377, 7.3746** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6.2781, 3.1980, 2.0370**, and the grayscale version is **5.8435, 6.1478, 6.6950**.

A 20% lighter version of the original color is **18.0363, 27.0777, 21.1055**, and **1.6386, 2.9964, 1.4117** is the 20% darker color. If you saturate the color by 10%, you get **6.2284, 10.7381, 7.3746**, and if you desaturate by 10%, it is **6.4798, 10.8540, 8.0051**.

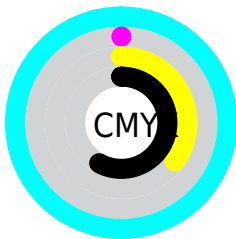
Distribution



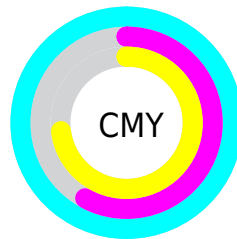
- Red (0%)
- Green (42%)
- Blue (27%)



- Red (0%)
- Yellow (25%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (73%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.2282, 10.7377, 7.3746 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 6.2282, 10.7377, 7.3746 by changing the saturation by 10% instead.

6.2282, 10.7377,
7.3746

6.2282, 10.7377,
7.3746

155.7763,
195.8591, 180.4884

3.0263, 5.8907,
3.6155

18.1232, 27.1741,
21.2485

1.1677, 2.7788,
1.4169

27.5471, 39.5323,
32.2004

0.0806, 1.0173,
0.1548

39.7756, 55.1631,
46.3869

0.0000, 0.0000,
0.0000

55.1742, 74.4508,
64.2266

74.1083, 97.7799,
86.1381

96.9430, 125.5347,

112.5399

124.0439,
158.0996, 143.8504

6.2282, 10.7377,
7.3746

6.2282, 10.7377,
7.3746

6.2284, 10.7381,
7.3746

6.4798, 10.8540,
8.0051

6.7863, 10.9975,
8.6760

7.1956, 11.1931,
9.3904

7.7182, 11.4462,
10.1495

8.3636, 11.7618,
10.9542

■ 9.1401, 12.1440,
11.8057

■ 10.0552, 12.5969,
12.7048

■ 11.1161, 13.1239,
13.6524

■ 12.3291, 13.7284,
14.6494

Harmonies

Analogous

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



7.3666, 10.7377, 3.7901



6.2282, 10.7377, 7.3746



6.0506, 10.7377, 14.1794

Triad

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



6.2282, 10.7377, 7.3746



11.0411, 10.7377, 32.0697



14.5399, 10.7377, 4.7871

Complementary

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



6.2282, 10.7377, 7.3746



6.2781, 3.1980, 2.0370

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.



15.9274, 10.7377, 9.5132



6.2282, 10.7377, 7.3746



13.6945, 10.7377, 26.4676

Square

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



6.2282, 10.7377, 7.3746



8.5594, 10.7377, 30.6908



15.5944, 10.7377, 17.4308



12.0509, 10.7377, 2.7936

Rectangle

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



6.2282, 10.7377, 7.3746



6.4644, 10.7377, 20.1608



15.5944, 10.7377, 17.4308



15.1682, 10.7377, 6.0049

Sweetspot

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



6.2285, 10.7381, 7.3748



17.5032, 22.0361, 22.1618



5.9209, 10.7036, 1.7541



3.9812, 5.1030, 5.0776



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.



6.2285, 10.7381, 7.3748



10.8754, 18.8229, 12.6512



6.2664, 8.3702, 14.9215



3.1391, 3.4748, 3.7165



7.7132, 13.3193, 9.0666



38.8802, 67.6992, 43.9776

Inverse Universe

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



6.2781, 3.1980, 2.0370



10.9665, 5.5917, 3.3048



6.1280, 3.4320, 0.3396



3.1393, 3.1326, 3.4641



7.7758, 3.9624, 2.4479



39.2442, 20.0396, 10.4884

Previews

White Background



This preview shows how the XYZ color 6.2282, 10.7377, 7.3746 looks on a white background.

Color Contrast Check

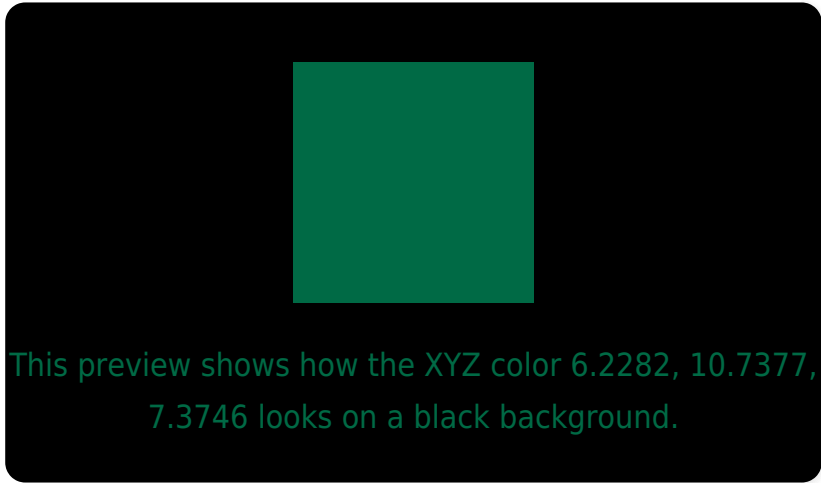
Large Text (above 18pt) WCAG AA ✓ Pass

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 6.2282, 10.7377, 7.3746

Background



This preview shows how black text looks on a background with the XYZ color 6.2282, 10.7377, 7.3746.



This preview shows how white text looks on a background with the XYZ color 6.2282, 10.7377,

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

6.2282, 10.7377, 7.3746

Protanopia

9.9799, 10.7225, 6.2463

Deuteranopia

10.7557, 10.5863, 7.7798



Tritanopia

8.1769, 10.8048, 16.1226

Trichromacy



Original Color

6.2282, 10.7377, 7.3746

Protanomaly

7.3432, 10.0210, 6.5483

Deuteranomaly

7.6458, 9.8812, 7.6352

Tritanomaly

7.2473, 10.7028, 12.2736

Monochromacy



Original Color

6.2282, 10.7377, 7.3746

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

5.2809, 7.1866, 6.9032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.2282, 10.7377, 7.3746 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, 106, 69)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 69)  
}
```

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, 106, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 69) }
```

Border

The CSS property to change the border of an element to XYZ 6.2282, 10.7377, 7.3746 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, 106, 69) }
```


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

```
.border{ border-color:rgb(0, 106, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 106, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 69);  
box-shadow:4px 4px 4px 4px rgb(0, 106, 69)  
}
```

Background

The CSS property to change the background color of an element to XYZ 6.2282, 10.7377, 7.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 69) }
```

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

```
.background{ background-color: rgb(0, 106,  
69) }
```

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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