

Converting Colors

XYZ(9.4190, 15.2212, 10.1196)

Have a look what the booklet for
XYZ(9.4190, 15.2212, 10.1196)
contains.

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Color

**XYZ(9.4060, 15.1962,
10.0268)**

Conversions

Conversions Part 1

Format	Color
Hex	287B50
RGB	40, 123, 80
RGB Percent	16%, 48%, 31%
CMY	0.8431, 0.5176, 0.6863
CMYK	0.67, 0.00, 0.35, 0.52
HSL	149°, 51%, 32%
HSV	149°, 67%, 48%
XYZ	9.4060, 15.1962, 10.0268
YIQ	93.2810, -35.6650, -30.9690

Conversions

Conversions Part 2

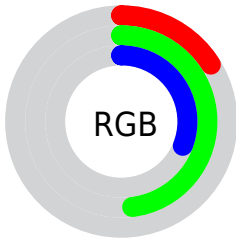
Format	Color
RYB	40, 96, 123
Decimal	2653008
CIELab	45.90, -35.54, 16.41
CIELCh	46, 39.150, 155.217
Yxy	15.1962, 0.2716, 0.4388
Android (android.graphics.Color)	4280843088 (0xFF287B50)
YUV	93.2810, -6.5475, -46.7274
Hunter-Lab	38.9823, -25.1489, 12.0374

Details

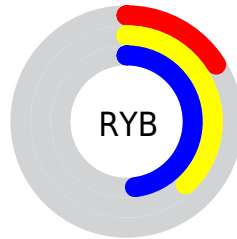
The XYZ color **9.4060, 15.1962, 10.0268** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **10.4890, 6.3534, 8.8578**, and the grayscale version is **10.4914, 11.0377, 12.0201**.

A 20% lighter version of the original color is **24.2739, 35.0953, 26.6138**, and **2.6859, 4.8864, 2.3917** is the 20% darker color. If you saturate the color by 10%, you get **8.7776, 14.8986, 8.8262**, and if you desaturate by 10%, it is **10.2098, 15.5825, 11.3529**.

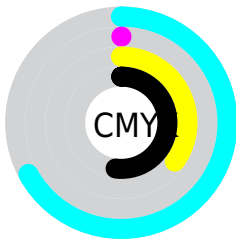
Distribution



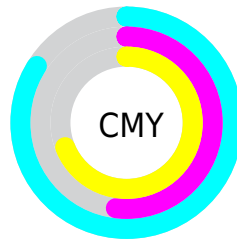
- Red (16%)
- Green (48%)
- Blue (31%)



- Red (16%)
- Yellow (38%)
- Blue (48%)



- Cyan (67%)
- Magenta (0%)
- Yellow (35%)
- Black (52%)



- Cyan (84%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.4060, 15.1962, 10.0268 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 9.4060, 15.1962, 10.0268 by changing the saturation by 10% instead.

■ 9.4060, 15.1962,
10.0268

■ 9.4060, 15.1962,
10.0268

180.5221,
224.5507, 201.3550

■ 5.0662, 8.9572,
5.3109

■ 24.3320, 35.1970,
26.4545

■ 2.3213, 4.7133,
2.3689

■ 35.6489, 49.7276,
39.0034

■ 0.8055, 2.0800,
0.7694

■ 50.0222, 67.7908,
55.0003

■ 0.0000, 0.6534,
0.0000

■ 67.8173, 89.7711,
74.8639

■ 0.0000, 0.0000,
0.0000

■ 89.3994, 116.0529,
99.0126

■ 115.1341,

147.0205, 127.8650

145.3865,
183.0583, 161.8396

■ 9.4060, 15.1962,
10.0268

■ 9.4060, 15.1962,
10.0268

■ 8.7776, 14.8986,
8.8262

■ 10.2098, 15.5825,
11.3529

■ 8.3077, 14.6797,
7.7462

■ 11.2016, 16.0626,
12.8071

■ 7.9612, 14.5221,
6.7819

■ 12.3938, 16.6433,
14.3934

■ 7.8798, 14.4851,
6.5560

■ 13.7977, 17.3304,
16.1153

■ 15.4237, 18.1291,
17.9759

■ 17.2812, 19.0443,
19.9784

■ 19.3795, 20.0807,
22.1259

■ 21.7269, 21.2424,
24.4213

■ 24.3317, 22.5338,
26.8674

Harmonies

Analogous

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



11.0786, 15.1962, 5.6829



9.4060, 15.1962, 10.0268



8.9921, 15.1962, 18.2575

Triad

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



9.4060, 15.1962, 10.0268



15.0294, 15.1962, 42.1101



20.2854, 15.1962, 8.1103

Complementary

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



9.4060, 15.1962, 10.0268



10.4890, 6.3534, 8.8578

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.



21.7454, 15.1962, 14.9451



9.4060, 15.1962, 10.0268



18.4290, 15.1962, 36.3256

Square

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



9.4060, 15.1962, 10.0268



11.9389, 15.1962, 39.1946



21.0190, 15.1962, 25.4127



17.2760, 15.1962, 4.9090

Rectangle

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



9.4060, 15.1962, 10.0268



9.4213, 15.1962, 25.5793



21.0190, 15.1962, 25.4127



20.9929, 15.1962, 9.9376

Sweetspot

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



9.4064, 15.1968, 10.0271



26.6986, 32.0109, 31.1587



11.1465, 16.2169, 4.5504



6.1268, 7.4599, 7.1549



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



9.4064, 15.1968, 10.0271



15.2208, 26.4460, 14.7126



11.3629, 15.9794, 20.3298



4.0238, 4.4792, 4.6594



8.1486, 14.9831, 6.7674



38.4437, 71.3005, 30.0381

Inverse Universe

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



10.4890, 6.3534, 8.8578



17.3069, 9.3767, 12.4382



9.3594, 5.9016, 2.9092



4.0769, 4.0465, 4.6027



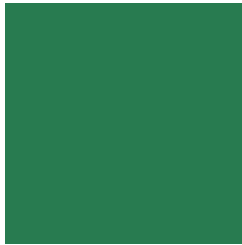
9.3966, 4.7348, 5.3795



44.3906, 22.4126, 23.3848

Previews

White Background



This preview shows how the XYZ color 9.4060, 15.1962, 10.0268 looks on a white background.

Color Contrast Check

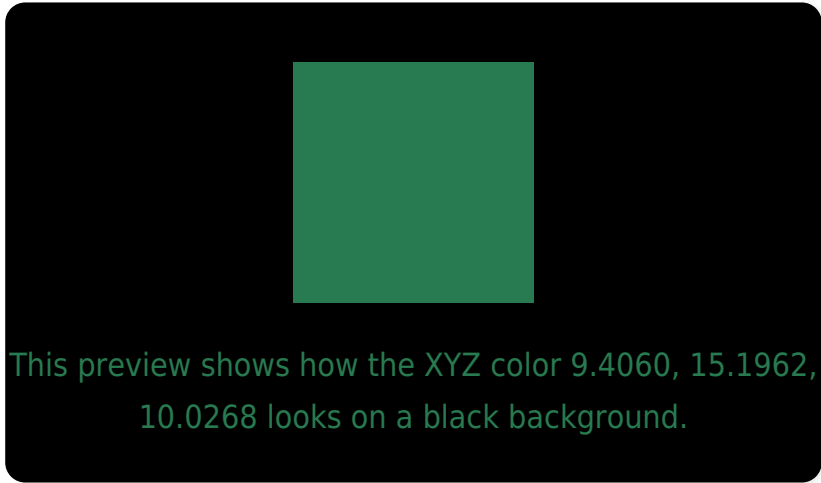
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.4060, 15.1962, 10.0268

Background



This preview shows how black text looks on a background with the XYZ color 9.4060, 15.1962, 10.0268.



This preview shows how white text looks on a background with the XYZ color 9.4060, 15.1962,

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

9.4060, 15.1962, 10.0268

Protanopia

13.9347, 15.0014, 8.6397

Deuteranopia

15.3029, 15.0527, 10.4864



Tritanopia

11.8794, 15.1247, 22.3719

Trichromacy



Original Color

9.4060, 15.1962, 10.0268

Protanomaly

11.3295, 14.4559, 9.0306

Deuteranomaly

11.9651, 14.4263, 10.3375

Tritanomaly

10.7765, 15.0232, 17.0836

Monochromacy



Original Color

9.4060, 15.1962, 10.0268

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

9.5358, 12.0611, 11.0579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.4060, 15.1962, 10.0268 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(40, 123, 80)` looks like.

```
.text, #text, p{  
    color:rgb(40, 123, 80)  
}
```

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(40, 123, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 123, 80) }
```

Border

The CSS property to change the border of an element to XYZ 9.4060, 15.1962, 10.0268 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(40, 123, 80) }
```


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

```
.border{ border-color:rgb(40, 123, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 123, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 123, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 123, 80);  
box-shadow:4px 4px 4px 4px rgb(40, 123,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 9.4060, 15.1962, 10.0268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 123, 80) }
```

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

```
.background{ background-color: rgb(40, 123,  
80) }
```

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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