

Converting Colors

XYZ(13.1700, 18.4187, 6.1262)

Have a look what the booklet for
XYZ(13.1700, 18.4187, 6.1262)
contains.

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Color

**XYZ(13.0862, 18.3281,
6.0968)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8134
RGB	94, 129, 52
RGB Percent	37%, 51%, 20%
CMY	0.6314, 0.4941, 0.7961
CMYK	0.27, 0.00, 0.60, 0.49
HSL	87°, 43%, 35%
HSV	87°, 60%, 51%
XYZ	13.0862, 18.3281, 6.0968
YIQ	109.7570, 3.8570, -31.3670

Conversions

Conversions Part 2

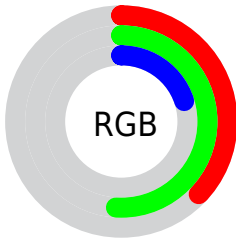
Format	Color
RYB	52, 129, 87
Decimal	6193460
CIELab	49.89, -25.83, 37.09
CIElCh	50, 45.201, 124.855
Yxy	18.3281, 0.3489, 0.4886
Android (android.graphics.Color)	4284383540 (0xFF5E8134)
YUV	109.7570, -28.4742, -13.8189
Hunter-Lab	42.8113, -20.3575, 21.5244

Details

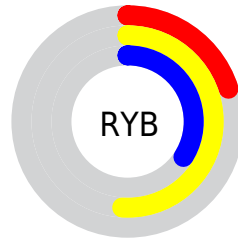
The XYZ color **13.0862, 18.3281, 6.0968** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9.1217, 6.0677, 21.4603**, and the grayscale version is **14.8300, 15.6023, 16.9909**.

A 20% lighter version of the original color is **31.1095, 40.5985, 18.5086**, and **3.8402, 6.1296, 1.0095** is the 20% darker color. If you saturate the color by 10%, you get **12.2559, 17.9298, 4.7432**, and if you desaturate by 10%, it is **14.0425, 18.7834, 7.8717**.

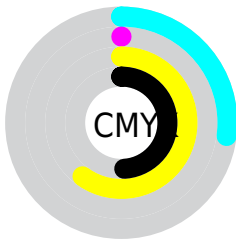
Distribution



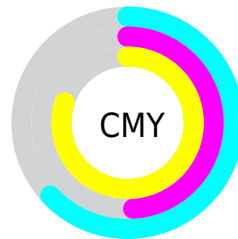
- Red (37%)
- Green (51%)
- Blue (20%)



- Red (20%)
- Yellow (51%)
- Blue (34%)



- Cyan (27%)
- Magenta (0%)
- Yellow (60%)
- Black (49%)



- Cyan (63%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0862, 18.3281, 6.0968 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 13.0862, 18.3281, 6.0968 by changing the saturation by 10% instead.

■ 13.0862, 18.3281,
6.0968

■ 13.0862, 18.3281,
6.0968

205.0958,
242.7139, 169.2680

■ 7.5653, 11.1858,
2.8343

■ 31.0586, 40.5956,
18.6126

■ 3.8676, 6.1919,
1.0107

■ 44.2408, 56.4896,
28.7030

■ 1.6275, 2.9621,
0.0000

■ 60.7075, 76.0696,
41.9064

■ 0.4102, 1.1120,
0.0000

■ 80.8240, 99.7201,
58.6414

■ 0.0000, 0.0000,
0.0000

■ 104.9558,
127.8253, 79.3265

■ 133.4681,

160.7698, 104.3803

166.7263,
198.9379, 134.2213

■ 13.0862, 18.3281,
6.0968

■ 13.0862, 18.3281,
6.0968

■ 12.2559, 17.9298,
4.7432

■ 14.0425, 18.7834,
7.8717

■ 11.5427, 17.5828,
3.7746

■ 15.1304, 19.2961,
10.0978

■ 10.9382, 17.2844,
3.1508

■ 16.3566, 19.8696,
12.8037

■ 10.4180, 17.0245,
2.7485

■ 17.7269, 20.5063,
16.0152

■ 10.4026, 17.0168,
2.7363

■ 19.2468, 21.2086,
19.7563

■ 20.9214, 21.9786,
24.0496

■ 22.7556, 22.8184,
28.9162

■ 24.7540, 23.7298,
34.3762

■ 26.9211, 24.7148,
40.4486

Harmonies

Analogous

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



16.7258, 18.3281, 4.3876



13.0862, 18.3281, 6.0968



10.9238, 18.3281, 11.4495

Triad

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



13.0862, 18.3281, 6.0968



14.1198, 18.3281, 50.2175



27.0914, 18.3281, 18.0073

Complementary

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



13.0862, 18.3281, 6.0968



9.1217, 6.0677, 21.4603

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.



26.0862, 18.3281, 31.8851



13.0862, 18.3281, 6.0968



18.1338, 18.3281, 54.3436

Square

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



13.0862, 18.3281, 6.0968



11.4477, 18.3281, 36.8994



22.6191, 18.3281, 46.5793



25.1756, 18.3281, 9.2038

Rectangle

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



13.0862, 18.3281, 6.0968



10.3802, 18.3281, 17.8954



22.6191, 18.3281, 46.5793



27.0865, 18.3281, 22.1694

Sweetspot

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



13.0866, 18.3289, 6.0972



32.0733, 36.8734, 29.4739



13.0537, 11.6756, 4.8147



7.1141, 8.2787, 6.3213



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.0866, 18.3289, 6.0972



21.4116, 31.8475, 7.7211



10.0932, 16.7857, 5.9571



4.4826, 4.9252, 4.6345



10.1470, 16.5933, 2.6680



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.1217, 6.0677, 21.4603



13.6204, 7.7182, 37.9644



13.6705, 8.4127, 21.6732



4.2801, 4.3000, 5.4177



5.6059, 2.4437, 20.4262



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.0862, 18.3281, 6.0968 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



This preview shows how the XYZ color 13.0862, 18.3281, 6.0968 looks on a black 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

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

XYZ 13.0862, 18.3281, 6.0968

Background



This preview shows how black text looks on a background with the XYZ color 13.0862, 18.3281, 6.0968.



This preview shows how white text looks on a background with the XYZ color 13.0862, 18.3281,

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

13.0862, 18.3281, 6.0968

Protanopia

16.5485, 18.0842, 5.5241

Deuteranopia

18.4977, 18.2167, 6.4121



Tritanopia

16.7598, 18.3167, 24.1249

Trichromacy



Original Color

13.0862, 18.3281, 6.0968

Protanomaly

15.0065, 18.0009, 5.7012

Deuteranomaly

16.0388, 17.9815, 6.2399

Tritanomaly

14.9728, 18.1413, 15.2828

Monochromacy



Original Color

13.0862, 18.3281, 6.0968

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

13.8734, 16.3869, 11.8830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0862, 18.3281, 6.0968 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(94, 129, 52)` looks like.

```
.text, #text, p{  
    color:rgb(94, 129, 52)  
}
```

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(94, 129, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 129, 52) }
```

Border

The CSS property to change the border of an element to XYZ 13.0862, 18.3281, 6.0968 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(94, 129, 52) }
```


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

```
.border{ border-color:rgb(94, 129, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 129, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 129, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 129, 52);  
box-shadow:4px 4px 4px 4px rgb(94, 129,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0862, 18.3281, 6.0968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 129, 52) }
```

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

```
.background{ background-color: rgb(94, 129,  
52) }
```

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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