

Converting Colors

XYZ(18.1809, 32.6757, 10.2821)

Have a look what the booklet for
XYZ(18.1809, 32.6757, 10.2821)
contains.

XYZ(18.1445, 32.5828, 10.3338)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.1445, 32.5828,
10.3338)**

Conversions

Conversions Part 1

Format	Color
Hex	35B141
RGB	53, 177, 65
RGB Percent	21%, 69%, 25%
CMY	0.7922, 0.3059, 0.7451
CMYK	0.70, 0.00, 0.63, 0.31
HSL	126°, 54%, 45%
HSV	126°, 70%, 69%
XYZ	18.1445, 32.5828, 10.3338
YIQ	127.1560, -37.9520, -61.1200

Conversions

Conversions Part 2

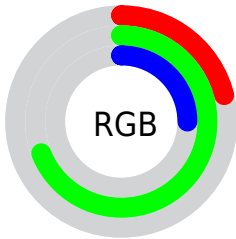
Format	Color
RYB	53, 166, 177
Decimal	3518785
CIELab	63.82, -56.16, 46.40
CIElCh	64, 72.846, 140.439
Yxy	32.5828, 0.2972, 0.5336
Android (android.graphics.Color)	4281708865 (0xFF35B141)
YUV	127.1560, -30.6429, -65.0348
Hunter-Lab	57.0813, -43.1524, 29.2233

Details

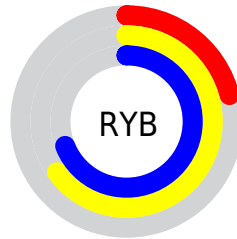
The XYZ color **18.1445, 32.5828, 10.3338** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **26.1970, 14.6105, 37.0375**, and the grayscale version is **20.3387, 21.3979, 23.3023**.

A 20% lighter version of the original color is **39.8362, 63.8430, 27.0530**, and **7.1158, 14.1791, 2.5341** is the 20% darker color. If you saturate the color by 10%, you get **16.9809, 32.0300, 8.1949**, and if you desaturate by 10%, it is **19.7843, 33.3678, 13.1806**.

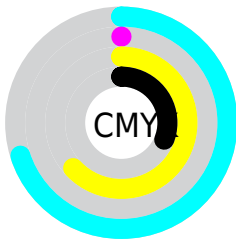
Distribution



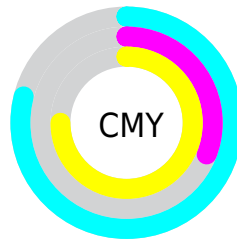
- Red (21%)
- Green (69%)
- Blue (25%)



- Red (21%)
- Yellow (65%)
- Blue (69%)



- Cyan (70%)
- Magenta (0%)
- Yellow (63%)
- Black (31%)




- Cyan (79%)
- Magenta (31%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.1445, 32.5828, 10.3338 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 18.1445, 32.5828, 10.3338 by changing the saturation by 10% instead.


 18.1445, 32.5828,
10.3338


 18.1445, 32.5828,
10.3338


234.7141,
313.7656, 203.6087


 11.1541, 21.8070,
5.5123


 39.8116, 63.7236,
27.0390


 6.2386, 13.7152,
2.4870


 55.2189, 84.8575,
39.7599


 3.0328, 7.9228,
0.8332


 74.1626, 110.2128,
55.9510

 1.1711, 4.0456,
0.0000

 97.0081, 140.1740,
76.0309

 0.0834, 1.6991,
0.0000

 124.1206,
175.1255, 100.4180

 0.0000, 0.4231,
0.0000

155.8655,

 0.0000, 0.0000,

215.4517, 129.5310

0.0000

192.6083,
261.5369, 163.7884

■ 18.1445, 32.5828,
10.3338

■ 18.1445, 32.5828,
10.3338

■ 16.9809, 32.0300,
8.1949

■ 19.7843, 33.3678,
13.1806

■ 16.2397, 31.6803,
6.6999

■ 21.9421, 34.4026,
16.7877

■ 15.8250, 31.4864,
5.7791

■ 24.6575, 35.7075,
21.2050

■ 27.9658, 37.2997,
26.4778

■ 31.8992, 39.1949,
32.6476

■ 36.4878, 41.4079,
39.7536

■ 41.7596, 43.9522,
47.8325

■ 47.7409, 46.8408,
56.9190

■ 54.4568, 50.0858,
67.0462

Harmonies

Analogous

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



24.5950, 32.5828, 4.5422



18.1445, 32.5828, 10.3338



15.3395, 32.5828, 26.9188

Triad

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



18.1445, 32.5828, 10.3338



27.8154, 32.5828, 125.0719



53.3000, 32.5828, 19.2163

Complementary

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



18.1445, 32.5828, 10.3338



26.1970, 14.6105, 37.0375

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.



54.6983, 32.5828, 45.6806



18.1445, 32.5828, 10.3338



38.3588, 32.5828, 118.7774

Square

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



18.1445, 32.5828, 10.3338



20.0542, 32.5828, 99.0435



48.7443, 32.5828, 84.8118



45.2625, 32.5828, 7.3578

Rectangle

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



18.1445, 32.5828, 10.3338



15.3723, 32.5828, 46.6952



48.7443, 32.5828, 84.8118



54.6218, 32.5828, 26.2171

Sweetspot

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



18.1453, 32.5842, 10.3345



56.1452, 69.7203, 56.9356



32.2321, 39.8821, 9.3676



11.7422, 14.9045, 11.6738



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



18.1453, 32.5842, 10.3345



29.6095, 56.9834, 13.1005



20.9142, 33.6917, 24.9156



8.4213, 9.5030, 9.2122



11.4761, 22.8164, 4.2440



0.3719, 0.7222, 0.1907

Inverse Universe

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



26.1970, 14.6105, 37.0375



44.8638, 22.7414, 63.5490



21.9382, 12.9070, 14.6106



8.8139, 8.6323, 10.5183



17.7382, 8.6128, 24.8452



0.5683, 0.2751, 0.8354

Previews

White Background



This preview shows how the XYZ color 18.1445, 32.5828, 10.3338 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.1445, 32.5828, 10.3338 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 ✓ Pass

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

XYZ 18.1445, 32.5828, 10.3338

Background



This preview shows how black text looks on a background with the XYZ color 18.1445, 32.5828, 10.3338.



This preview shows how white text looks on a background with the XYZ color 18.1445, 32.5828,

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

18.1445, 32.5828, 10.3338

Protanopia

29.1139, 32.0746, 8.6595

Deuteranopia

32.5012, 31.8710, 10.9173



Tritanopia

25.6107, 32.5055, 47.5722

Trichromacy



Original Color

18.1445, 32.5828, 10.3338



Protanomaly

22.6647, 30.7668, 9.1589



Deuteranomaly

24.0095, 30.1443, 10.5142



Tritanomaly

21.7862, 32.0403, 29.0809

Monochromacy



Original Color

18.1445, 32.5828, 10.3338



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

17.8796, 23.9596, 16.7790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1445, 32.5828, 10.3338 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(53, 177, 65)` looks like.

```
.text, #text, p{  
    color:rgb(53, 177, 65)  
}
```

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(53, 177, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 177, 65) }
```

Border

The CSS property to change the border of an element to XYZ 18.1445, 32.5828, 10.3338 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(53, 177, 65) }
```


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

```
.border{ border-color:rgb(53, 177, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 177, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 177, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 177, 65);  
box-shadow:4px 4px 4px 4px rgb(53, 177,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1445, 32.5828, 10.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 177, 65) }
```

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

```
.background{ background-color: rgb(53, 177,  
65) }
```

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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