

Converting Colors

XYZ(11.2633, 18.5778, 8.5137)

Have a look what the booklet for
XYZ(11.2633, 18.5778, 8.5137)
contains.

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Color

**XYZ(11.2287, 18.5296,
8.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	368744
RGB	54, 135, 68
RGB Percent	21%, 53%, 27%
CMY	0.7882, 0.4706, 0.7333
CMYK	0.60, 0.00, 0.50, 0.47
HSL	130°, 43%, 37%
HSV	130°, 60%, 53%
XYZ	11.2287, 18.5296, 8.4536
YIQ	103.1430, -26.7690, -38.0090

Conversions

Conversions Part 2

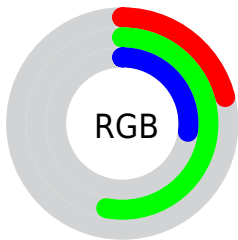
Format	Color
RYB	54, 123, 135
Decimal	3573572
CIELab	50.13, -39.71, 28.70
CIElCh	50, 48.998, 144.145
Yxy	18.5296, 0.2939, 0.4849
Android (android.graphics.Color)	4281763652 (0xFF368744)
YUV	103.1430, -17.3255, -43.0984
Hunter-Lab	43.0460, -28.7682, 18.4885

Details

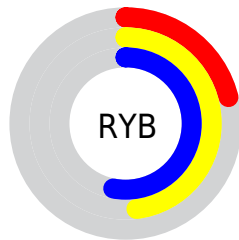
The XYZ color **11.2287, 18.5296, 8.4536** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **14.7626, 9.1701, 19.0816**, and the grayscale version is **12.9799, 13.6559, 14.8713**.

A 20% lighter version of the original color is **27.7152, 40.9308, 23.2693**, and **3.3151, 6.3986, 1.8194** is the 20% darker color. If you saturate the color by 10%, you get **10.2934, 18.0837, 6.7973**, and if you desaturate by 10%, it is **12.4310, 19.1067, 10.4621**.

Distribution



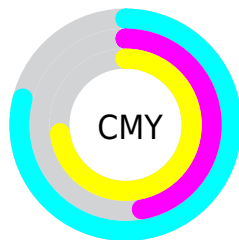
- Red (21%)
- Green (53%)
- Blue (27%)



- Red (21%)
- Yellow (48%)
- Blue (53%)



- Cyan (60%)
- Magenta (0%)
- Yellow (50%)
- Black (47%)



- Cyan (79%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2287, 18.5296, 8.4536 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 11.2287, 18.5296, 8.4536 by changing the saturation by 10% instead.

■ 11.2287, 18.5296,
8.4536

■ 11.2287, 18.5296,
8.4536

193.1060,
243.8394, 189.3132

■ 6.2893, 11.3309,
4.2946

■ 27.7115, 40.9377,
23.4037

■ 3.0641, 6.2898,
1.7883

■ 39.9857, 56.9159,
35.0319

■ 1.1878, 3.0221,
0.4202

■ 55.4354, 76.5893,
49.9869

■ 0.0967, 1.1433,
0.0000

■ 74.4261, 100.3424,
68.6873

■ 0.0000, 0.0146,
0.0000

■ 97.3232, 128.5596,
91.5516

■ 0.0000, 0.0000,
0.0000

■ 124.4920,

161.6252, 118.9983

156.2978,
199.9237, 151.4460

■ 11.2287, 18.5296,
8.4536

■ 11.2287, 18.5296,
8.4536

■ 10.2934, 18.0837,
6.7973

■ 12.4310, 19.1067,
10.4621

■ 9.6030, 17.7564,
5.4718

■ 13.9176, 19.8220,
12.8404

■ 9.1338, 17.5365,
4.4551

■ 15.7057, 20.6844,
15.6060

■ 8.8224, 17.3919,
3.7203

■ 17.8110, 21.7018,
18.7754

■ 20.2478, 22.8811,
22.3637

■ 23.0298, 24.2291,
26.3855

■ 26.1697, 25.7522,
30.8546

■ 29.6798, 27.4562,
35.7842

■ 33.5716, 29.3469,
41.1870

Harmonies

Analogous

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



14.1519, 18.5296, 4.5316



11.2287, 18.5296, 8.4536



10.0340, 18.5296, 17.6370

Triad

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



11.2287, 18.5296, 8.4536



16.7016, 18.5296, 58.6875



27.2672, 18.5296, 11.2967

Complementary

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



11.2287, 18.5296, 8.4536



14.7626, 9.1701, 19.0816

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.



28.2794, 18.5296, 22.9467



11.2287, 18.5296, 8.4536



21.5942, 18.5296, 54.4339

Square

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



11.2287, 18.5296, 8.4536



12.8098, 18.5296, 49.4522



26.0460, 18.5296, 39.5671



23.4850, 18.5296, 5.5843

Rectangle

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



11.2287, 18.5296, 8.4536



10.1915, 18.5296, 27.2230



26.0460, 18.5296, 39.5671



27.9679, 18.5296, 14.4633

Sweetspot

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



11.2292, 18.5304, 8.4540



32.5511, 39.1796, 34.5969



17.2860, 21.6964, 6.7669



7.2942, 8.9554, 7.6490



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



11.2292, 18.5304, 8.4540



17.9376, 32.1477, 11.2484



12.8926, 19.1957, 17.2136



4.6467, 5.2169, 5.1510



8.1388, 16.0384, 3.4503



0.0301, 0.0563, 0.0219

Inverse Universe

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



14.7626, 9.1701, 19.0816



24.8398, 13.7781, 31.9452



12.7966, 8.3836, 8.7286



4.8243, 4.7494, 5.6869



11.8976, 5.8234, 14.5649



0.0435, 0.0211, 0.0623

Previews

White Background



This preview shows how the XYZ color 11.2287, 18.5296, 8.4536 looks on a white 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

Black Background



This preview shows how the XYZ color 11.2287, 18.5296, 8.4536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

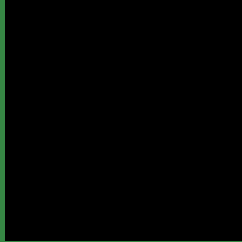
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 11.2287, 18.5296, 8.4536

Background



This preview shows how black text looks on a background with the XYZ color 11.2287, 18.5296, 8.4536.



This preview shows how white text looks on a background with the XYZ color 11.2287, 18.5296,

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

11.2287, 18.5296, 8.4536

Protanopia

16.8264, 18.3667, 7.2157

Deuteranopia

18.4354, 18.1309, 8.8313



Tritanopia

14.8493, 18.3914, 26.8120

Trichromacy



Original Color

11.2287, 18.5296, 8.4536

Protanomaly

13.8525, 17.9210, 7.5795

Deuteranomaly

14.5302, 17.5092, 8.5750

Tritanomaly

13.1432, 18.2813, 18.4587

Monochromacy



Original Color

11.2287, 18.5296, 8.4536

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

11.7225, 14.9309, 11.9370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2287, 18.5296, 8.4536 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(54, 135, 68)` looks like.

```
.text, #text, p{  
    color:rgb(54, 135, 68)  
}
```

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(54, 135, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 135, 68) }
```

Border

The CSS property to change the border of an element to XYZ 11.2287, 18.5296, 8.4536 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(54, 135, 68) }
```


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

```
.border{ border-color:rgb(54, 135, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 135, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 135, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 135, 68);  
box-shadow:4px 4px 4px 4px rgb(54, 135,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2287, 18.5296, 8.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 135, 68) }
```

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

```
.background{ background-color: rgb(54, 135,  
68) }
```

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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