

Converting Colors

XYZ(21.5046, 27.3135, 3.9459)

Have a look what the booklet for
XYZ(21.5046, 27.3135, 3.9459)
contains.

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Color

**XYZ(21.5538, 27.3017,
4.1337)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9600
RGB	139, 150, 0
RGB Percent	55%, 59%, 0%
CMY	0.4549, 0.4117, 1.0000
CMYK	0.07, 0.00, 1.00, 0.41
HSL	64°, 100%, 29%
HSV	64°, 100%, 59%
XYZ	21.5538, 27.3017, 4.1337
YIQ	129.6110, 41.5940, -48.9820

Conversions

Conversions Part 2

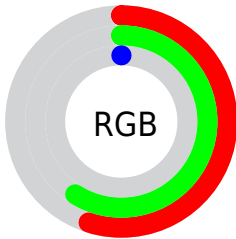
Format	Color
RYB	0, 150, 11
Decimal	9147904
CIELab	59.25, -19.46, 62.53
CIELCh	59, 65.485, 107.287
Yxy	27.3017, 0.4068, 0.5152
Android (android.graphics.Color)	4287337984 (0xFF8B9600)
YUV	129.6110, -63.8982, 8.2342
Hunter-Lab	52.2510, -17.8072, 31.8852

Details

The XYZ color **21.5538, 27.3017, 4.1337** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.6437, 2.2736, 28.9973**, and the grayscale version is **21.2898, 22.3985, 24.3920**.

A 20% lighter version of the original color is **45.4951, 55.3764, 14.2521**, and **8.2082, 10.8550, 1.6626** is the 20% darker color. If you saturate the color by 10%, you get **21.5542, 27.3029, 4.1340**, and if you desaturate by 10%, it is **21.8254, 27.4327, 4.5971**.

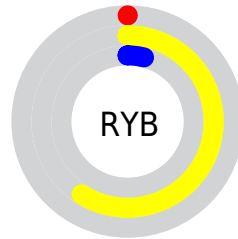
Distribution



Red (55%)

Green (59%)

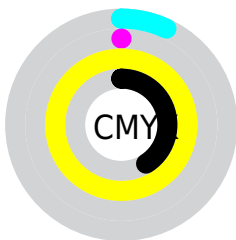
Blue (0%)



Red (0%)

Yellow (59%)

Blue (4%)

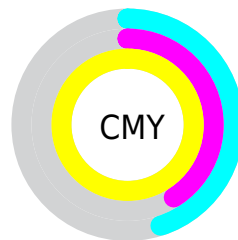


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (45%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5538, 27.3017, 4.1337 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 21.5538, 27.3017, 4.1337 by changing the saturation by 10% instead.

■ 21.5538, 27.3017,
4.1337

■ 21.5538, 27.3017,
4.1337

252.8836,
289.1149, 149.7000

■ 13.6442, 17.7999,
1.6990

■ 45.4918, 55.3676,
14.3170

■ 7.9536, 10.8064,
0.3600

■ 62.2508, 74.7006,
22.9026

■ 4.1169, 5.9368,
0.0000

■ 82.6904, 98.0794,
34.3756

■ 1.7685, 2.8067,
0.0000

■ 107.1759,
125.8884, 49.1545


■ 0.4986, 1.0317,
0.0000


■ 136.0726,
158.5121, 67.6578


■ 0.0000, 0.0000,
0.0000


■ 169.7458,


196.3348, 90.3042


 208.5610,
239.7410, 117.5121


 21.5538, 27.3017,
4.1337


 21.5538, 27.3017,
4.1337


 21.5542, 27.3029,
4.1340

 21.8254, 27.4327,
4.5971

 22.1601, 27.5881,
5.3861

 22.5879, 27.7810,
6.6556

 23.1203, 28.0159,
8.4657

 23.7670, 28.2968,
10.8681

■ 24.5366, 28.6271,
13.9081

■ 25.4370, 29.0099,
17.6270

■ 26.4753, 29.4481,
22.0624

■ 27.6582, 29.9443,
27.2490

Harmonies

Analogous

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



29.5642, 27.3017, 3.8892



21.5538, 27.3017, 4.1337



16.0299, 27.3017, 8.4548

Triad

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



21.5538, 27.3017, 4.1337



16.6817, 27.3017, 76.5799



44.4982, 27.3017, 40.7737

Complementary

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



21.5538, 27.3017, 4.1337



5.6437, 2.2736, 28.9973

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.



39.2950, 27.3017, 71.9056



21.5538, 27.3017, 4.1337



22.6420, 27.3017, 98.8000

Square

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



21.5538, 27.3017, 4.1337



13.6497, 27.3017, 45.2083



30.9054, 27.3017, 96.7441



44.0348, 27.3017, 18.2575

Rectangle

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



21.5538, 27.3017, 4.1337



13.9840, 27.3017, 15.5141



30.9054, 27.3017, 96.7441



43.3147, 27.3017, 50.7137

Sweetspot

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



21.5544, 27.3030, 4.1343



44.7862, 51.1498, 30.6785



12.6872, 6.7018, 0.6252



9.7865, 11.2766, 6.2205



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.5544, 27.3030, 4.1343



37.9723, 48.1477, 7.2921



13.0876, 22.9381, 3.7380



6.2239, 6.7232, 6.2101



17.8871, 22.6490, 3.4289



0.2290, 0.2824, 0.0424

Inverse Universe

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



5.6437, 2.2736, 28.9973



9.8997, 3.9812, 51.1679



9.2524, 4.1340, 29.1662



5.5366, 5.6521, 7.2689



4.6922, 1.8915, 24.0488



0.0652, 0.0272, 0.2947

Previews

White Background



This preview shows how the XYZ color 21.5538, 27.3017, 4.1337 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 21.5538, 27.3017, 4.1337 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 21.5538, 27.3017, 4.1337

Background



This preview shows how black text looks on a background with the XYZ color 21.5538, 27.3017, 4.1337.



This preview shows how white text looks on a background with the XYZ color 21.5538, 27.3017,

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

21.5538, 27.3017, 4.1337

Protanopia

24.5204, 27.2220, 3.9620

Deuteranopia

27.6512, 27.0972, 4.6371



Tritanopia

27.3153, 27.1513, 32.6552

Trichromacy



Original Color

21.5538, 27.3017, 4.1337

Protanomaly

23.4158, 27.3301, 4.0411

Deuteranomaly

24.9814, 26.7900, 4.3063

Tritanomaly

23.7421, 26.5821, 14.7060

Monochromacy



Original Color

21.5538, 27.3017, 4.1337

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.1799, 23.5024, 11.6564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5538, 27.3017, 4.1337 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(139, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 150, 0)  
}
```

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(139, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 150, 0) }
```

Border

The CSS property to change the border of an element to XYZ 21.5538, 27.3017, 4.1337 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(139, 150, 0) }
```


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

```
.border{ border-color:rgb(139, 150, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 150, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 150,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5538, 27.3017, 4.1337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 150, 0) }
```

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

```
.background{ background-color: rgb(139,  
150, 0) }
```

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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