

Converting Colors

XYZ(27.1931, 43.7174, 20.0548)

Have a look what the booklet for
XYZ(27.1931, 43.7174, 20.0548)
contains.

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Color

**XYZ(27.2070, 43.7148,
20.1005)**

Conversions

Conversions Part 1

Format	Color
Hex	5DC668
RGB	93, 198, 104
RGB Percent	36%, 78%, 41%
CMY	0.6353, 0.2235, 0.5921
CMYK	0.53, 0.00, 0.47, 0.22
HSL	126°, 48%, 57%
HSV	126°, 53%, 78%
XYZ	27.2070, 43.7148, 20.1005
YIQ	155.8890, -32.4060, -51.4940

Conversions

Conversions Part 2

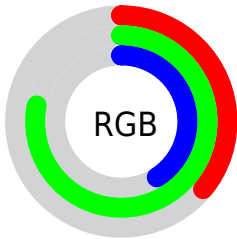
Format	Color
RYB	93, 188, 198
Decimal	6145640
CIELab	72.04, -49.95, 37.91
CIELCh	72, 62.707, 142.804
Yxy	43.7148, 0.2989, 0.4803
Android (android.graphics.Color)	4284335720 (0xFF5DC668)
YUV	155.8890, -25.5813, -55.1537
Hunter-Lab	66.1172, -42.2529, 28.2571

Details

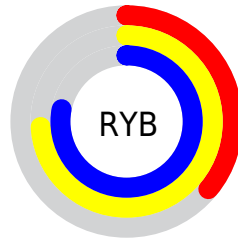
The XYZ color **27.2070, 43.7148, 20.1005** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **36.1741, 23.4232, 49.6298**, and the grayscale version is **31.6722, 33.3216, 36.2873**.

A 20% lighter version of the original color is **54.4235, 80.4384, 44.5560**, and **10.9403, 20.1443, 6.8016** is the 20% darker color. If you saturate the color by 10%, you get **24.6487, 42.4906, 15.7650**, and if you desaturate by 10%, it is **30.4755, 45.2859, 25.4590**.

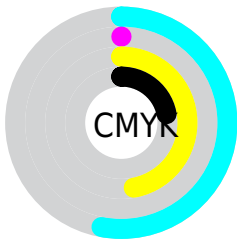
Distribution



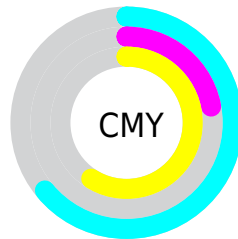
- Red (36%)
- Green (78%)
- Blue (41%)



- Red (36%)
- Yellow (74%)
- Blue (78%)



- Cyan (53%)
- Magenta (0%)
- Yellow (47%)
- Black (22%)



- Cyan (64%)
- Magenta (22%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2070, 43.7148, 20.1005 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 27.2070, 43.7148, 20.1005 by changing the saturation by 10% instead.

■ 27.2070, 43.7148,
20.1005

■ 27.2070, 43.7148,
20.1005

280.8073,
361.5432, 265.0809

■ 17.8661, 30.4464,
12.2833

■ 54.6334, 80.7884,
44.4468

■ 10.9530, 20.1776,
6.8121

■ 73.4497, 105.3624,
61.8130

■ 6.1023, 12.5242,
3.2682

■ 96.1551, 134.4736,
83.1993

■ 2.9486, 7.1018,
1.2331

■ 123.1150,
168.5066, 109.0242

■ 1.1267, 3.5258,
0.0060

154.6949,
207.8456, 139.7063

■ 0.0472, 1.4120,
0.0000

191.2600,

■ 0.0000, 0.2256,

252.8751, 175.6640

0.0000

233.1757,
303.9795, 217.3161

■ 0.0000, 0.0000,
0.0000

■ 27.2070, 43.7148,
20.1005

■ 27.2070, 43.7148,
20.1005

■ 24.6487, 42.4906,
15.7650

■ 30.4755, 45.2859,
25.4590

■ 22.7446, 41.5818,
12.3847

■ 34.4986, 47.2215,
31.8969

■ 21.4352, 40.9607,
9.8882

■ 39.3205, 49.5447,
39.4696

■ 20.6488, 40.5920,
8.1928

■ 44.9814, 52.2749,
48.2284

■ 20.3279, 40.4431,
7.4320

■ 51.5186, 55.4306,
58.2209

■ 58.9672, 59.0287,
69.4925

■ 67.3604, 63.0856,
82.0862

■ 76.7298, 67.6164,
96.0428

■ 79.4849, 68.8699,
103.7116

Harmonies

Analogous

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



34.0668, 43.7148, 11.2986



27.2070, 43.7148, 20.1005



24.2812, 43.7148, 40.5840

Triad

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



27.2070, 43.7148, 20.1005



39.0223, 43.7148, 133.3888



63.5768, 43.7148, 28.2001

Complementary

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



27.2070, 43.7148, 20.1005



36.1741, 23.4232, 49.6298

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.



65.5186, 43.7148, 55.3768



27.2070, 43.7148, 20.1005



50.0550, 43.7148, 125.3162

Square

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



27.2070, 43.7148, 20.1005



30.2998, 43.7148, 111.7476



60.2117, 43.7148, 92.9090



55.2874, 43.7148, 14.3750

Rectangle

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



27.2070, 43.7148, 20.1005



24.5266, 43.7148, 61.9043



60.2117, 43.7148, 92.9090



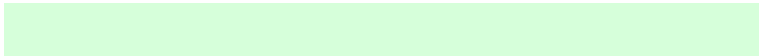
65.0457, 43.7148, 35.6854

Sweetspot

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



27.2081, 43.7166, 20.1015



76.2671, 90.9331, 80.1879



42.7877, 51.8086, 18.1012



15.8710, 19.2448, 16.4629



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.2081, 43.7166, 20.1015



42.9085, 74.8870, 26.6325



30.7103, 45.1175, 38.5437



10.5419, 11.9056, 11.5378



13.2347, 26.3062, 4.9144



0.6423, 1.2519, 0.3152

Inverse Universe

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



36.1741, 23.4232, 49.6298



60.4680, 35.0469, 84.3909



31.5775, 21.5845, 25.4244



11.0334, 10.7967, 13.1590



20.3415, 9.8861, 28.0717



0.9773, 0.4738, 1.4036

Previews

White Background



This preview shows how the XYZ color 27.2070, 43.7148, 20.1005 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 27.2070, 43.7148, 20.1005 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 27.2070, 43.7148, 20.1005

Background



This preview shows how black text looks on a background with the XYZ color 27.2070, 43.7148, 20.1005.



This preview shows how white text looks on a background with the XYZ color 27.2070, 43.7148,

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

27.2070, 43.7148, 20.1005

Protanopia

39.4336, 42.8419, 17.2573

Deuteranopia

43.7358, 43.0018, 21.0340



Tritanopia

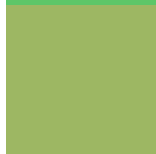
35.6335, 43.5179, 62.3988

Trichromacy



Original Color

27.2070, 43.7148, 20.1005



Protanomaly

33.0902, 41.9359, 18.1548



Deuteranomaly

34.9753, 41.6477, 20.3828



Tritanomaly

31.6981, 43.2029, 42.7447

Monochromacy



Original Color

27.2070, 43.7148, 20.1005



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

28.7511, 35.9185, 29.0845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2070, 43.7148, 20.1005 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(93, 198, 104)` looks like.

```
.text, #text, p{  
    color:rgb(93, 198, 104)  
}
```

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(93, 198, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 198, 104) }
```

Border

The CSS property to change the border of an element to XYZ 27.2070, 43.7148, 20.1005 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(93, 198, 104) }
```


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

```
.border{ border-color:rgb(93, 198, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 198, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 198, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 198, 104);  
box-shadow:4px 4px 4px 4px rgb(93, 198,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2070, 43.7148, 20.1005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 198, 104) }
```

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

```
.background{ background-color: rgb(93, 198,  
104) }
```

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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