

Converting Colors

XYZ(25.0540, 44.8853, 10.7329)

Have a look what the booklet for
XYZ(25.0540, 44.8853, 10.7329)
contains.

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Color

**XYZ(25.0595, 44.8986,
10.7137)**

Conversions

Conversions Part 1

Format	Color
Hex	4ACC35
RGB	74, 204, 53
RGB Percent	29%, 80%, 21%
CMY	0.7098, 0.2000, 0.7921
CMYK	0.64, 0.00, 0.74, 0.20
HSL	112°, 60%, 50%
HSV	112°, 74%, 80%
XYZ	25.0595, 44.8986, 10.7137
YIQ	147.9160, -29.0090, -74.5210

Conversions

Conversions Part 2

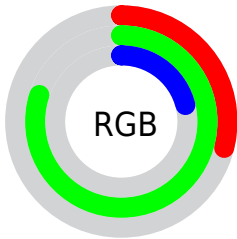
Format	Color
RYB	53, 204, 183
Decimal	4901941
CIELab	72.83, -62.25, 60.81
CIELCh	73, 87.028, 135.670
Yxy	44.8986, 0.3106, 0.5566
Android (android.graphics.Color)	4283092021 (0xFF4ACC35)
YUV	147.9160, -46.7936, -64.8243
Hunter-Lab	67.0064, -50.5046, 37.4246

Details

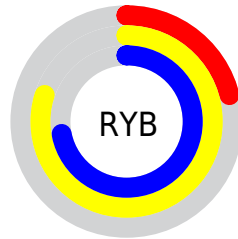
The XYZ color **25.0595, 44.8986, 10.7137** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **31.7036, 16.9750, 58.7347**, and the grayscale version is **28.3120, 29.7865, 32.4375**.

A 20% lighter version of the original color is **48.8368, 77.9425, 26.9384**, and **10.5899, 21.1798, 3.5300** is the 20% darker color. If you saturate the color by 10%, you get **23.5182, 44.1485, 8.6920**, and if you desaturate by 10%, it is **27.1801, 45.9269, 13.8064**.

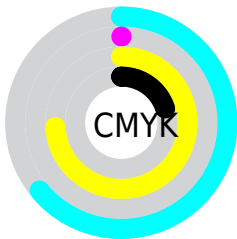
Distribution



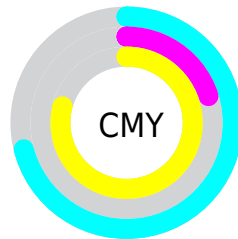
- Red (29%)
- Green (80%)
- Blue (21%)



- Red (21%)
- Yellow (80%)
- Blue (72%)



- Cyan (64%)
- Magenta (0%)
- Yellow (74%)
- Black (20%)





- Cyan (71%)
- Magenta (20%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0595, 44.8986, 10.7137 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 25.0595, 44.8986, 10.7137 by changing the saturation by 10% instead.


 25.0595, 44.8986,
10.7137


 25.0595, 44.8986,
10.7137


270.4763,
366.3627, 206.3591


 16.2504, 31.3776,
5.7629


 51.1959, 82.5682,
27.7580


 9.7935, 20.8865,
2.6350


 69.2539, 107.4856,
40.6887


 5.3234, 13.0411,
0.9104


 91.1256, 136.9706,
57.1163

 2.4750, 7.4568,
0.0000

 117.1763,
171.4075, 77.4596

 0.8826, 3.7494,
0.0000

 147.7713,
211.1808, 102.1369

 0.0000, 1.5344,
0.0000

183.2761,

 0.0000, 0.3128,

256.6748, 131.5670

0.0000

224.0560,
308.2740, 166.1682

■ 0.0000, 0.0000,
0.0000

■ 25.0595, 44.8986,
10.7137

■ 25.0595, 44.8986,
10.7137

■ 23.5182, 44.1485,
8.6920

■ 27.1801, 45.9269,
13.8064

■ 22.4933, 43.6434,
7.5930


■ 29.9279, 47.2516,
18.0873


■ 22.0827, 43.4396,
7.2208


■ 33.3494, 48.8956,
23.6615


■ 37.4857, 50.8781,
30.6218

■ 42.3746, 53.2169,
39.0523

 48.0511, 55.9283,
49.0306

 54.5481, 59.0276,
60.6288

 61.8967, 62.5295,
73.9145

 70.1262, 66.4477,
88.9514

Harmonies

Analogous

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



35.2874, 44.8986, 4.5402



25.0595, 44.8986, 10.7137



20.2332, 44.8986, 31.0248

Triad

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



25.0595, 44.8986, 10.7137



35.8699, 44.8986, 182.2546



77.2733, 44.8986, 29.6545

Complementary

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



25.0595, 44.8986, 10.7137



31.7036, 16.9750, 58.7347

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.



77.5354, 44.8986, 72.5514



25.0595, 44.8986, 10.7137



51.0273, 44.8986, 181.0439

Square

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



25.0595, 44.8986, 10.7137



25.3986, 44.8986, 136.0218



67.0595, 44.8986, 133.3125



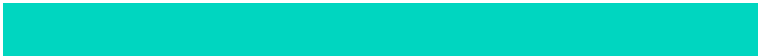
66.4109, 44.8986, 10.2203

Rectangle

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



25.0595, 44.8986, 10.7137



19.7728, 44.8986, 57.5924



67.0595, 44.8986, 133.3125



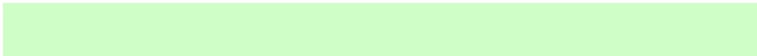
78.6770, 44.8986, 41.1061

Sweetspot

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



25.0606, 44.9005, 10.7147



71.7056, 88.8611, 67.3446



42.1416, 46.2869, 10.0820



14.8314, 18.7730, 13.5141



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.



25.0606, 44.9005, 10.7147



37.8099, 72.5525, 13.1130



25.6563, 44.9822, 20.9264



11.2107, 12.6105, 11.9226



13.9452, 27.3643, 4.5469



0.7677, 1.4366, 0.2368

Inverse Universe

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



31.7036, 16.9750, 58.7347



49.0354, 23.8117, 96.6194



31.7747, 17.6240, 31.0711



11.5282, 11.3216, 14.1481



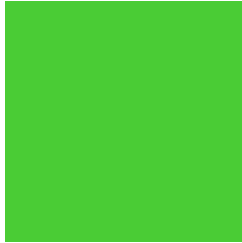
18.1366, 8.5573, 36.6521



0.9789, 0.4638, 1.8929

Previews

White Background



This preview shows how the XYZ color 25.0595, 44.8986, 10.7137 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 25.0595, 44.8986, 10.7137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

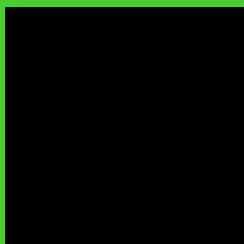
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.0595, 44.8986, 10.7137

Background



This preview shows how black text looks on a background with the XYZ color 25.0595, 44.8986, 10.7137.



This preview shows how white text looks on a background with the XYZ color 25.0595, 44.8986,

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

25.0595, 44.8986, 10.7137

Protanopia

39.9667, 44.1802, 9.0059

Deuteranopia

44.8345, 43.7827, 11.3981



Tritanopia

35.8607, 44.5344, 65.0984

Trichromacy



Original Color

25.0595, 44.8986, 10.7137



Protanomaly

31.6511, 42.6324, 9.4664



Deuteranomaly

33.5418, 41.7204, 10.8424



Tritanomaly

29.8440, 43.7190, 35.7198

Monochromacy



Original Color

25.0595, 44.8986, 10.7137



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

24.8684, 33.2625, 20.7324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0595, 44.8986, 10.7137 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(74, 204, 53)` looks like.

```
.text, #text, p{  
    color:rgb(74, 204, 53)  
}
```

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(74, 204, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 204, 53) }
```

Border

The CSS property to change the border of an element to XYZ 25.0595, 44.8986, 10.7137 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(74, 204, 53) }
```


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

```
.border{ border-color:rgb(74, 204, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 204, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 204, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 204, 53);  
box-shadow:4px 4px 4px 4px rgb(74, 204,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0595, 44.8986, 10.7137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 204, 53) }
```

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

```
.background{ background-color: rgb(74, 204,  
53) }
```

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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