

Converting Colors

XYZ(25.2157, 45.7168, 13.3202)

Have a look what the booklet for
XYZ(25.2157, 45.7168, 13.3202)
contains.

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Color

**XYZ(25.1634, 45.6089,
13.2715)**

Conversions

Conversions Part 1

Format	Color
Hex	3ECE46
RGB	62, 206, 70
RGB Percent	24%, 81%, 27%
CMY	0.7569, 0.1921, 0.7255
CMYK	0.70, 0.00, 0.66, 0.19
HSL	123°, 60%, 53%
HSV	123°, 70%, 81%
XYZ	25.1634, 45.6089, 13.2715
YIQ	147.4400, -42.1680, -72.8240

Conversions

Conversions Part 2

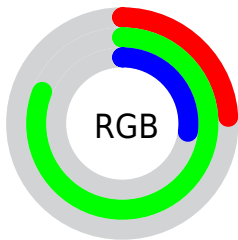
Format	Color
RYB	62, 198, 206
Decimal	4116038
CIELab	73.29, -63.82, 54.79
CIELCh	73, 84.110, 139.355
Yxy	45.6089, 0.2994, 0.5427
Android (android.graphics.Color)	4282306118 (0xFF3ECE46)
YUV	147.4400, -38.1779, -74.9309
Hunter-Lab	67.5344, -51.6758, 35.6227

Details

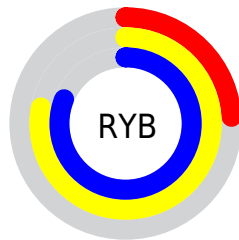
The XYZ color **25.1634, 45.6089, 13.2715** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **37.3704, 20.6449, 55.4416**, and the grayscale version is **28.0825, 29.5450, 32.1745**.

A 20% lighter version of the original color is **48.3002, 77.5644, 31.4945**, and **10.9228, 21.8193, 3.7220** is the 20% darker color. If you saturate the color by 10%, you get **23.5903, 44.8591, 10.4954**, and if you desaturate by 10%, it is **27.4269, 46.6943, 17.1201**.

Distribution



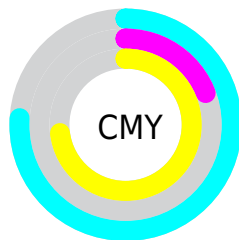
- Red (24%)
- Green (81%)
- Blue (27%)



- Red (24%)
- Yellow (78%)
- Blue (81%)



- Cyan (70%)
- Magenta (0%)
- Yellow (66%)
- Black (19%)



- Cyan (76%)
- Magenta (19%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1634, 45.6089, 13.2715 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 25.1634, 45.6089, 13.2715 by changing the saturation by 10% instead.

■ 25.1634, 45.6089,
13.2715

■ 25.1634, 45.6089,
13.2715

270.9834,
369.2341, 223.9190

■ 16.3282, 31.9373,
7.4828

■ 51.3632, 83.6334,
32.4890

■ 9.8490, 21.3136,
3.6829

■ 69.4585, 108.7551,
46.7549

■ 5.3605, 13.3534,
1.4530

■ 91.3712, 138.4622,
64.6837

■ 2.4972, 7.6724,
0.1826

■ 117.4666,
173.1392, 86.6938

■ 0.8938, 3.8860,
0.0000

■ 148.1102,
213.1706, 113.2039

■ 0.0000, 1.6100,
0.0000

183.6673,

■ 0.0000, 0.3643,

258.9405, 144.6324

0.0000

224.5032,
310.8336, 181.3979

■ 0.0000, 0.0000,
0.0000

■ 25.1634, 45.6089,
13.2715

■ 25.1634, 45.6089,
13.2715

■ 23.5903, 44.8591,
10.4954

■ 27.4269, 46.6943,
17.1201

■ 22.6258, 44.4011,
8.6805

■ 30.4446, 48.1422,
22.1319


■ 22.1389, 44.1713,
7.6954


■ 34.2765, 49.9830,
28.3914


■ 22.1352, 44.1696,
7.6894


■ 38.9758, 52.2426,
35.9745

■ 44.5910, 54.9445,
44.9510

 51.1671, 58.1105,
55.3859

 58.7463, 61.7609,
67.3400

 67.3681, 65.9151,
80.8707

 77.0700, 70.5910,
96.0324

Harmonies

Analogous

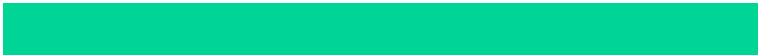
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.5964, 45.6089, 5.6490



25.1634, 45.6089, 13.2715



20.9877, 45.6089, 36.0911

Triad

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



25.1634, 45.6089, 13.2715



38.3090, 45.6089, 180.2956



76.0735, 45.6089, 27.2740

Complementary

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



25.1634, 45.6089, 13.2715



37.3704, 20.6449, 55.4416

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.



77.7104, 45.6089, 66.2645



25.1634, 45.6089, 13.2715



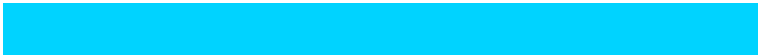
53.4678, 45.6089, 172.8431

Square

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



25.1634, 45.6089, 13.2715



27.3475, 45.6089, 140.5600



68.6880, 45.6089, 123.7852



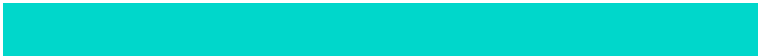
64.6228, 45.6089, 9.9652

Rectangle

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



25.1634, 45.6089, 13.2715



20.9193, 45.6089, 64.1010



68.6880, 45.6089, 123.7852



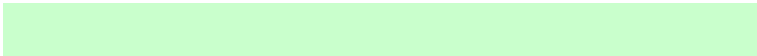
77.8745, 45.6089, 37.5697

Sweetspot

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



25.1645, 45.6108, 13.2725



70.9188, 88.3801, 70.7163



46.4428, 56.6074, 13.0361



14.6148, 18.6452, 14.2350



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.



25.1645, 45.6108, 13.2725



37.3023, 72.2416, 15.3106



28.8817, 47.0977, 32.8469



11.0929, 12.5469, 12.0466



13.6413, 27.2018, 4.7960



0.7128, 1.4069, 0.2950

Inverse Universe

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



37.3704, 20.6449, 55.4416



58.2181, 29.3089, 87.4583



30.9952, 18.0949, 21.8702



11.6596, 11.3926, 14.0079



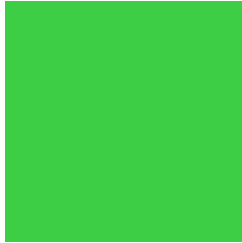
21.7200, 10.4986, 32.5736



1.1289, 0.5450, 1.7247

Previews

White Background



This preview shows how the XYZ color 25.1634, 45.6089, 13.2715 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 25.1634, 45.6089, 13.2715 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 25.1634, 45.6089, 13.2715

Background



This preview shows how black text looks on a background with the XYZ color 25.1634, 45.6089, 13.2715.



This preview shows how white text looks on a background with the XYZ color 25.1634, 45.6089,

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

25.1634, 45.6089, 13.2715

Protanopia

40.5428, 44.7301, 11.0544

Deuteranopia

45.7165, 44.7308, 14.2070



Tritanopia

35.8220, 45.4607, 66.5613

Trichromacy



Original Color

25.1634, 45.6089, 13.2715



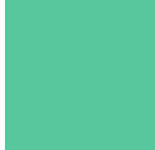
Protanomaly

31.5462, 43.1664, 11.6703



Deuteranomaly

33.4129, 42.2036, 13.5928



Tritanomaly

30.2961, 44.8830, 39.4143

Monochromacy



Original Color

25.1634, 45.6089, 13.2715



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

24.5349, 33.0502, 22.5390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1634, 45.6089, 13.2715 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(62, 206, 70)` looks like.

```
.text, #text, p{  
    color:rgb(62, 206, 70)  
}
```

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(62, 206, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 206, 70) }
```

Border

The CSS property to change the border of an element to XYZ 25.1634, 45.6089, 13.2715 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(62, 206, 70) }
```


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

```
.border{ border-color:rgb(62, 206, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 206, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 206, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 206, 70);  
box-shadow:4px 4px 4px 4px rgb(62, 206,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1634, 45.6089, 13.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 206, 70) }
```

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

```
.background{ background-color: rgb(62, 206,  
70) }
```

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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