

Converting Colors

XYZ(10.4115, 17.5434, 6.1829)

Have a look what the booklet for
XYZ(10.4115, 17.5434, 6.1829)
contains.

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Color

**XYZ(10.4152, 17.5438,
6.2055)**

Conversions

Conversions Part 1

Format	Color
Hex	368435
RGB	54, 132, 53
RGB Percent	21%, 52%, 21%
CMY	0.7882, 0.4823, 0.7921
CMYK	0.59, 0.00, 0.60, 0.48
HSL	119°, 43%, 36%
HSV	119°, 60%, 52%
XYZ	10.4152, 17.5438, 6.2055
YIQ	99.6720, -21.1290, -41.1050

Conversions

Conversions Part 2

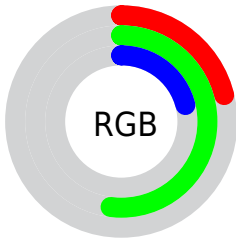
Format	Color
RYB	53, 132, 131
Decimal	3572789
CIELab	48.94, -40.64, 35.00
CIELCh	49, 53.631, 139.268
Yxy	17.5438, 0.3049, 0.5135
Android (android.graphics.Color)	4281762869 (0xFF368435)
YUV	99.6720, -23.0093, -40.0543
Hunter-Lab	41.8853, -28.9135, 20.5356




Details

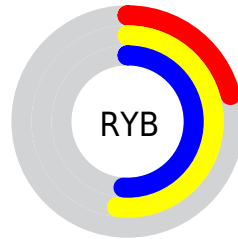
The XYZ color **10.4152, 17.5438, 6.2055** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **14.7988, 9.0380, 22.7952**, and the grayscale version is **12.0905, 12.7202, 13.8523**.




A 20% lighter version of the original color is **26.2639, 39.3283, 18.7772**, and **2.9534, 5.8892, 1.0385** is the 20% darker color. If you saturate the color by 10%, you get **9.5444, 17.1258, 4.7924**, and if you desaturate by 10%, it is **11.5580, 18.0934, 8.0688**.

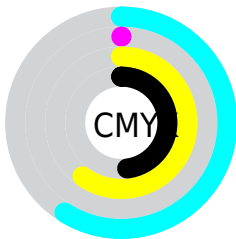
Distribution







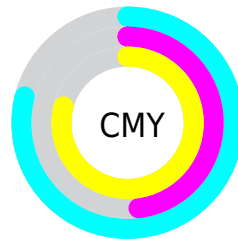
-  Red (21%)
-  Green (52%)
-  Blue (21%)






-  Red (21%)
-  Yellow (52%)
-  Blue (51%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (60%)
-  Black (48%)



-  Cyan (79%)
-  Magenta (48%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4152, 17.5438, 6.2055 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 10.4152, 17.5438, 6.2055 by changing the saturation by 10% instead.

■ 10.4152, 17.5438,
6.2055

■ 10.4152, 17.5438,
6.2055

187.6026,
238.2869, 170.2607

■ 5.7395, 10.6230,
2.8996

■ 26.2162, 39.2584,
18.8409

■ 2.7265, 5.8139,
1.0436

■ 38.0722, 54.8210,
29.0076

■ 1.0108, 2.7323,
0.0000

■ 53.0524, 74.0329,
42.2983

■ 0.0000, 0.9936,
0.0000

■ 71.5220, 97.2786,
59.1315

■ 0.0000, 0.0000,
0.0000

■ 93.8465, 124.9425,
79.9258

■ 120.3912,

157.4089, 105.0998

151.5215,
195.0623, 135.0719

■ 10.4152, 17.5438,
6.2055

■ 10.4152, 17.5438,
6.2055

■ 9.5444, 17.1258,
4.7924

■ 11.5580, 18.0934,
8.0688

■ 8.9219, 16.8264,
3.7905

■ 12.9916, 18.7820,
10.4148

■ 8.5222, 16.6340,
3.1560

■ 14.7343, 19.6189,
13.2742

■ 8.2761, 16.5157,
2.7574

■ 16.8027, 20.6121,
16.6750

■ 8.2725, 16.5139,
2.7515

■ 19.2123, 21.7690,
20.6430

■ 21.9776, 23.0964,
25.2026

■ 25.1120, 24.6010,
30.3765

■ 28.6285, 26.2889,
36.1864

■ 32.5394, 28.1660,
42.6528

Harmonies

Analogous

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



13.7077, 17.5438, 3.1405



10.4152, 17.5438, 6.2055



8.9192, 17.5438, 14.4329

Triad

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



10.4152, 17.5438, 6.2055



14.9529, 17.5438, 60.7571



27.4581, 17.5438, 11.4003

Complementary

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



10.4152, 17.5438, 6.2055



14.7988, 9.0380, 22.7952

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.



27.9762, 17.5438, 24.6835



10.4152, 17.5438, 6.2055



20.0419, 17.5438, 58.4986

Square

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



10.4152, 17.5438, 6.2055



11.1698, 17.5438, 48.3674



25.0436, 17.5438, 43.1964



23.7438, 17.5438, 4.9379

Rectangle

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



10.4152, 17.5438, 6.2055



8.8912, 17.5438, 23.8730



25.0436, 17.5438, 43.1964



28.0363, 17.5438, 15.0136

Sweetspot

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



10.4156, 17.5445, 6.2059



30.1727, 36.5833, 30.3195



18.2329, 21.3111, 6.5209



6.7906, 8.4049, 6.6736



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



10.4156, 17.5445, 6.2059



16.3504, 29.9440, 7.6968



11.6162, 18.0186, 12.8053



4.6213, 5.2074, 4.9909



8.0099, 15.9892, 2.6641



0.0281, 0.0556, 0.0092

Inverse Universe

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



14.7988, 9.0380, 22.7952



24.8121, 13.5028, 39.7517



12.8016, 8.2570, 11.4662



4.8522, 4.7599, 5.8638



12.9958, 6.2337, 21.6550



0.0455, 0.0218, 0.0750

Previews

White Background



This preview shows how the XYZ color 10.4152, 17.5438, 6.2055 looks on a white 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

Black Background



This preview shows how the XYZ color 10.4152, 17.5438, 6.2055 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 10.4152, 17.5438, 6.2055

Background



This preview shows how black text looks on a background with the XYZ color 10.4152, 17.5438, 6.2055.



This preview shows how white text looks on a background with the XYZ color 10.4152, 17.5438,

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

10.4152, 17.5438, 6.2055

Protanopia

15.8322, 17.3713, 5.3149

Deuteranopia

17.5207, 17.2184, 6.5377



Tritanopia

14.2584, 17.5530, 25.1908

Trichromacy



Original Color

10.4152, 17.5438, 6.2055

Protanomaly

13.0147, 16.9741, 5.6080

Deuteranomaly

13.6474, 16.5673, 6.3494

Tritanomaly

12.3859, 17.3569, 16.0620

Monochromacy



Original Color

10.4152, 17.5438, 6.2055

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

10.9228, 14.0519, 10.3202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4152, 17.5438, 6.2055 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, 132, 53)` looks like.

```
.text, #text, p{  
    color:rgb(54, 132, 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(54, 132, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 132, 53) }
```

Border

The CSS property to change the border of an element to XYZ 10.4152, 17.5438, 6.2055 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, 132, 53) }
```


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

```
.border{ border-color:rgb(54, 132, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 132, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 132, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 132, 53);  
box-shadow:4px 4px 4px 4px rgb(54, 132,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4152, 17.5438, 6.2055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 132, 53) }
```

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

```
.background{ background-color: rgb(54, 132,  
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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