

Converting Colors

XYZ(8.1532, 13.5913, 5.4448)

Have a look what the booklet for
XYZ(8.1532, 13.5913, 5.4448)
contains.

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Color

**XYZ(8.1534, 13.5749,
5.4393)**

Conversions

Conversions Part 1

Format	Color
Hex	2F7534
RGB	47, 117, 52
RGB Percent	18%, 46%, 20%
CMY	0.8157, 0.5412, 0.7961
CMYK	0.60, 0.00, 0.56, 0.54
HSL	124°, 43%, 32%
HSV	124°, 60%, 46%
XYZ	8.1534, 13.5749, 5.4393
YIQ	88.6600, -20.8550, -35.0550

Conversions

Conversions Part 2

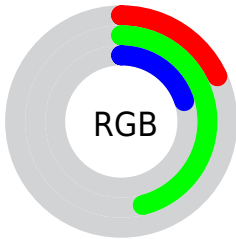
Format	Color
RYB	47, 112, 117
Decimal	3110196
CIELab	43.62, -36.46, 29.13
CIELCh	44, 46.664, 141.374
Yxy	13.5749, 0.3001, 0.4997
Android (android.graphics.Color)	4281300276 (0xFF2F7534)
YUV	88.6600, -18.0734, -36.5358
Hunter-Lab	36.8441, -24.9762, 17.0379

Details

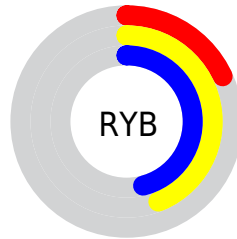
The XYZ color **8.1534, 13.5749, 5.4393** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **11.2776, 6.9849, 16.0831**, and the grayscale version is **9.4626, 9.9554, 10.8414**.

A 20% lighter version of the original color is **21.9305, 32.3789, 17.1505**, and **2.0945, 4.1452, 0.8333** is the 20% darker color. If you saturate the color by 10%, you get **7.4676, 13.2468, 4.2737**, and if you desaturate by 10%, it is **9.0409, 14.0012, 6.9090**.

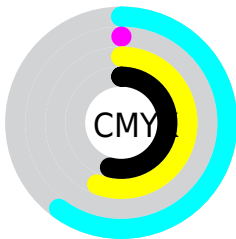
Distribution



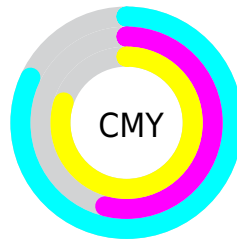
- Red (18%)
- Green (46%)
- Blue (20%)



- Red (18%)
- Yellow (44%)
- Blue (46%)



- Cyan (60%)
- Magenta (0%)
- Yellow (56%)
- Black (54%)





- Cyan (82%)
- Magenta (54%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 8.1534, 13.5749, 5.4393 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 8.1534, 13.5749, 5.4393 by changing the saturation by 10% instead.


 8.1534, 13.5749,
5.4393


 8.1534, 13.5749,
5.4393


171.2747,
214.5700, 163.0856


 4.2459, 7.8256,
2.4440


 21.9412, 32.3328,
17.2126


 1.8422, 3.9836,
0.8103

 32.5521, 46.1102,
26.8278


 0.5429, 1.6644,
0.0000

 46.1283, 63.3325,
39.4867

 0.0000, 0.4004,
0.0000

 63.0351, 84.3840,
55.6078

 0.0000, 0.0000,
0.0000

 83.6377, 109.6491,
75.6097

 108.3016,

139.5122, 99.9109

137.3922,
174.3577, 128.9300

■ 8.1534, 13.5749,
5.4393

■ 8.1534, 13.5749,
5.4393

■ 7.4676, 13.2468,
4.2737

■ 9.0409, 14.0012,
6.9090

■ 6.9667, 13.0076,
3.3902

■ 10.1433, 14.5310,
8.7012

■ 6.6329, 12.8491,
2.7651

■ 11.4736, 15.1710,
10.8336

■ 6.4109, 12.7432,
2.3672

■ 13.0437, 15.9269,
13.3228

■ 6.4074, 12.7415,
2.3617

■ 14.8646, 16.8042,
16.1839

■ 16.9466, 17.8078,
19.4313

■ 19.2995, 18.9424,
23.0787

■ 21.9325, 20.2126,
27.1391

■ 24.8543, 21.6227,
31.6247

Harmonies

Analogous

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



10.5066, 13.5749, 2.8430



8.1534, 13.5749, 5.4393



7.1261, 13.5749, 11.9624

Triad

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



8.1534, 13.5749, 5.4393



11.8767, 13.5749, 44.9536



20.6174, 13.5749, 8.5910

Complementary

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



8.1534, 13.5749, 5.4393



11.2776, 6.9849, 16.0831

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.



21.1744, 13.5749, 18.0103



8.1534, 13.5749, 5.4393



15.6376, 13.5749, 42.5686

Square

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



8.1534, 13.5749, 5.4393



8.9934, 13.5749, 36.7447



19.2097, 13.5749, 31.2445



17.8065, 13.5749, 3.9723

Rectangle

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



8.1534, 13.5749, 5.4393



7.1655, 13.5749, 19.1168



19.2097, 13.5749, 31.2445



21.0931, 13.5749, 11.1556

Sweetspot

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



8.1537, 13.5755, 5.4396



23.7747, 28.7206, 24.5158



13.5996, 16.3952, 5.1371



5.3015, 6.5240, 5.3768



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



8.1537, 13.5755, 5.4396



12.9720, 23.5291, 6.9567



9.2406, 14.0102, 11.1631



3.6503, 4.1021, 3.9922



7.0567, 14.0367, 2.5886



34.2626, 68.3523, 11.9537

Inverse Universe

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



11.2776, 6.9849, 16.0831



19.1157, 10.5367, 27.8661



9.7043, 6.3556, 7.7985



3.8159, 3.7536, 4.5573



11.1004, 5.3739, 16.2685



53.9600, 26.1341, 78.5758

Previews

White Background



This preview shows how the XYZ color 8.1534, 13.5749, 5.4393 looks on a white background.

Color Contrast Check

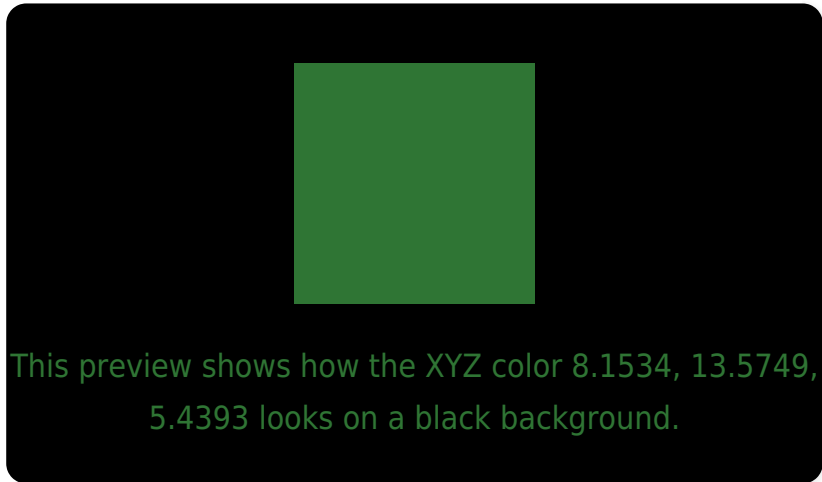
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

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

XYZ 8.1534, 13.5749, 5.4393

Background



This preview shows how black text looks on a background with the XYZ color 8.1534, 13.5749, 5.4393.



This preview shows how white text looks on a background with the XYZ color 8.1534, 13.5749,

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

8.1534, 13.5749, 5.4393

Protanopia

12.3028, 13.4831, 4.6434

Deuteranopia

13.5636, 13.3907, 5.7407



Tritanopia

11.0201, 13.5738, 19.4919

Trichromacy



Original Color

8.1534, 13.5749, 5.4393

Protanomaly

10.1334, 13.1205, 4.9042

Deuteranomaly

10.6709, 12.9204, 5.5459

Tritanomaly

9.7156, 13.5360, 12.9271

Monochromacy



Original Color

8.1534, 13.5749, 5.4393

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

8.5904, 10.9013, 8.4889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.1534, 13.5749, 5.4393 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(47, 117, 52)` looks like.

```
.text, #text, p{  
    color:rgb(47, 117, 52)  
}
```

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(47, 117, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 117, 52) }
```

Border

The CSS property to change the border of an element to XYZ 8.1534, 13.5749, 5.4393 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(47, 117, 52) }
```


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

```
.border{ border-color:rgb(47, 117, 52) }
```

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

Here you see how a box with a 4 pixel rgb(47, 117, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 117, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 117, 52);  
box-shadow:4px 4px 4px 4px rgb(47, 117,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 8.1534, 13.5749, 5.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 117, 52) }
```

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

```
.background{ background-color: rgb(47, 117,  
52) }
```

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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