

Converting Colors

XYZ(13.6114, 17.9363, 4.0934)

Have a look what the booklet for
XYZ(13.6114, 17.9363, 4.0934)
contains.

XYZ(13.5382, 17.8357, 4.0956)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.5382, 17.8357,
4.0956)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7D20
RGB	106, 125, 32
RGB Percent	42%, 49%, 13%
CMY	0.5843, 0.5098, 0.8745
CMYK	0.15, 0.00, 0.74, 0.51
HSL	72°, 59%, 31%
HSV	72°, 74%, 49%
XYZ	13.5382, 17.8357, 4.0956
YIQ	108.7170, 18.5290, -32.9510

Conversions

Conversions Part 2

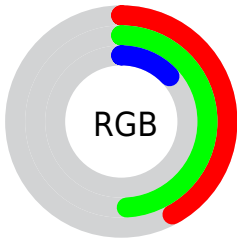
Format	Color
R_{YB}	32, 125, 51
Decimal	6978848
CIE Lab	49.30, -20.33, 45.57
CIE LCh	49, 49.896, 114.040
Yxy	17.8357, 0.3817, 0.5028
Android (android.graphics.Color)	4285168928 (0xFF6A7D20)
YUV	108.7170, -37.8215, -2.3828
Hunter-Lab	42.2323, -16.6858, 23.8128

Details

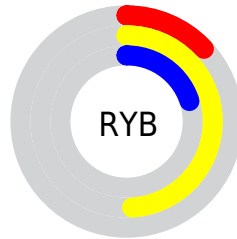
The XYZ color **13.5382, 17.8357, 4.0956** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.5841, 3.2179, 19.7299**, and the grayscale version is **14.5561, 15.3142, 16.6771**.

A 20% lighter version of the original color is **31.9789, 39.9389, 14.2071**, and **4.1600, 5.9811, 0.9352** is the 20% darker color. If you saturate the color by 10%, you get **13.1007, 17.6268, 3.3507**, and if you desaturate by 10%, it is **14.0501, 18.0767, 5.1815**.

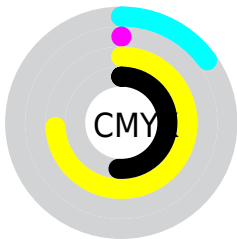
Distribution



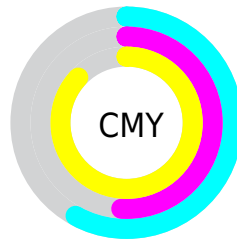
- Red (42%)
- Green (49%)
- Blue (13%)



- Red (13%)
- Yellow (49%)
- Blue (20%)



- Cyan (15%)
- Magenta (0%)
- Yellow (74%)
- Black (51%)





- Cyan (58%)
- Magenta (51%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.5382, 17.8357, 4.0956 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 13.5382, 17.8357, 4.0956 by changing the saturation by 10% instead.


 13.5382, 17.8357,
4.0956


 13.5382, 17.8357,
4.0956


207.9073,
239.9433, 149.2821


 7.8797, 10.8321,
1.6779


 31.8605, 39.7572,
14.2296


 4.0692, 5.9540,
0.3455

 45.2551, 55.4438,
22.7831


 1.7414, 2.8172,
0.0000

 61.9590, 74.7936,
34.2189

 0.4820, 1.0370,
0.0000

 82.3377, 98.1909,
48.9556

 0.0000, 0.0000,
0.0000

 106.7566,
126.0201, 67.4118

 135.5809,

158.6657, 90.0058

169.1760,
196.5120, 117.1565

13.5382, 17.8357,
4.0956

13.5382, 17.8357,
4.0956

13.1007, 17.6268,
3.3507

14.0501, 18.0767,
5.1815

12.7270, 17.4438,
2.8973

14.6418, 18.3500,
6.6416

12.5300, 17.3467,
2.6878

15.3196, 18.6588,
8.5068

16.0885, 19.0052,
10.8040

16.9535, 19.3911,
13.5582

■ 17.9190, 19.8182,
16.7923

■ 18.9891, 20.2883,
20.5276

■ 20.1676, 20.8029,
24.7844

■ 21.4584, 21.3634,
29.5815

Harmonies

Analogous

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



17.9057, 17.8357, 3.3956



13.5382, 17.8357, 4.0956



10.6515, 17.8357, 7.8612

Triad

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



13.5382, 17.8357, 4.0956



12.1900, 17.8357, 48.7154



27.5938, 17.8357, 22.2263

Complementary

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



13.5382, 17.8357, 4.0956



5.5841, 3.2179, 19.7299

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.



25.3475, 17.8357, 38.8713



13.5382, 17.8357, 4.0956



16.0333, 17.8357, 58.0863

Square

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



13.5382, 17.8357, 4.0956



9.9795, 17.8357, 31.9528



20.8969, 17.8357, 53.8345



26.5914, 17.8357, 10.6859

Rectangle

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



13.5382, 17.8357, 4.0956



9.6773, 17.8357, 13.1503



20.8969, 17.8357, 53.8345



27.1824, 17.8357, 27.4202

Sweetspot

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



13.5386, 17.8365, 4.0960



30.6667, 34.8598, 25.2923



9.8852, 6.7977, 2.1578



6.8950, 7.8936, 5.4886



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.5386, 17.8365, 4.0960



22.9967, 31.3380, 5.4070



9.4524, 15.7300, 3.9047



4.5820, 4.9765, 4.6392



13.0711, 18.1008, 2.8049



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.5841, 3.2179, 19.7299



8.0460, 3.7020, 35.0349



9.1593, 5.0610, 19.8972



4.1846, 4.2508, 5.4132



4.2908, 1.7657, 20.3646



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.5382, 17.8357, 4.0956 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 13.5382, 17.8357, 4.0956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

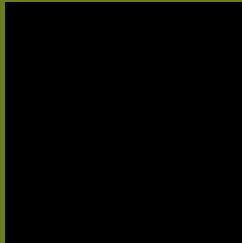
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.5382, 17.8357, 4.0956

Background



This preview shows how black text looks on a background with the XYZ color 13.5382, 17.8357, 4.0956.



This preview shows how white text looks on a background with the XYZ color 13.5382, 17.8357,

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

13.5382, 17.8357, 4.0956

Protanopia

15.9557, 17.6416, 3.7925

Deuteranopia

17.8884, 17.6198, 4.2919



Tritanopia

17.1974, 17.8738, 22.2822

Trichromacy



Original Color

13.5382, 17.8357, 4.0956

Protanomaly

14.9898, 17.6694, 3.9168

Deuteranomaly

15.9239, 17.4435, 4.1967

Tritanomaly

15.3303, 17.6504, 12.7241

Monochromacy



Original Color

13.5382, 17.8357, 4.0956

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.8003, 16.0437, 10.1540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5382, 17.8357, 4.0956 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(106, 125, 32)` looks like.

```
.text, #text, p{  
    color:rgb(106, 125, 32)  
}
```

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(106, 125, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 125, 32) }
```

Border

The CSS property to change the border of an element to XYZ 13.5382, 17.8357, 4.0956 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(106, 125, 32) }
```


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

```
.border{ border-color:rgb(106, 125, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 125, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 125, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 125, 32);  
box-shadow:4px 4px 4px 4px rgb(106, 125,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5382, 17.8357, 4.0956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 125, 32) }
```

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

```
.background{ background-color: rgb(106,  
125, 32) }
```

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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