

Converting Colors

XYZ(21.3810, 13.5440, 6.7975)

Have a look what the booklet for
XYZ(21.3810, 13.5440, 6.7975)
contains.

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Color

**XYZ(21.3810, 13.5440,
6.7975)**

Conversions

Conversions Part 1

Format	Color
Hex	B33F43
RGB	179, 63, 67
RGB Percent	70%, 25%, 26%
CMY	0.2980, 0.7529, 0.7373
CMYK	0.00, 0.65, 0.63, 0.30
HSL	358°, 48%, 47%
HSV	358°, 65%, 70%
XYZ	21.3810, 13.5440, 6.7975
YIQ	98.1400, 67.8520, 25.8360

Conversions

Conversions Part 2

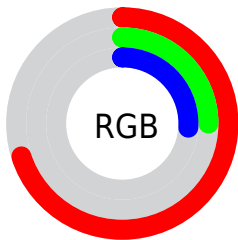
Format	Color
R _Y B	179, 63, 67
Decimal	11747139
CIE Lab	43.57, 47.31, 23.37
CIE LCh	44, 52.771, 26.286
Yxy	13.5440, 0.5125, 0.3246
Android (android.graphics.Color)	4289937219 (0xFFB33F43)
YUV	98.1400, -15.3520, 70.9142
Hunter-Lab	36.8022, 39.2995, 14.8104

Details

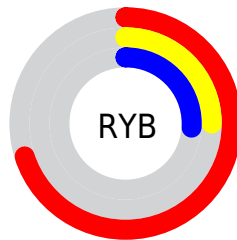
The XYZ color **21.3810, 13.5440, 6.7975** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **25.9089, 36.3924, 46.2199**, and the grayscale version is **11.6702, 12.2780, 13.3707**.

A 20% lighter version of the original color is **45.2751, 32.2539, 20.0590**, and **7.9106, 4.0590, 1.2307** is the 20% darker color. If you saturate the color by 10%, you get **20.1024, 11.6965, 4.1838**, and if you desaturate by 10%, it is **23.1372, 16.0994, 10.3340**.

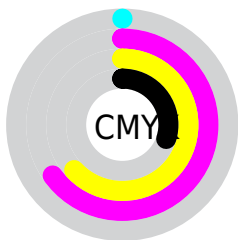
Distribution



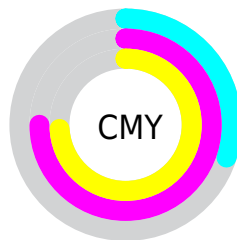
- Red (70%)
- Green (25%)
- Blue (26%)



- Red (70%)
- Yellow (25%)
- Blue (26%)



- Cyan (0%)
- Magenta (65%)
- Yellow (63%)
- Black (30%)



- Cyan (30%)
- Magenta (75%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3810, 13.5440, 6.7975 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 21.3810, 13.5440, 6.7975 by changing the saturation by 10% instead.

■ 21.3810, 13.5440,
6.7975

■ 21.3810, 13.5440,
6.7975

251.9900,
214.3753, 175.5369

■ 13.5168, 7.8042,
3.2593

■ 45.2073, 32.2777,
20.0705

■ 7.8648, 3.9699,
1.2285

■ 61.9001, 46.0404,
30.6424

■ 4.0597, 1.6567,
0.0021

■ 82.2665, 63.2462,
44.3960

■ 1.7359, 0.3954,
0.0000

■ 106.6719, 84.2795,
61.7496

■ 0.4786, 0.0000,
0.0000

■ 135.4816,
109.5246, 83.1220

■ 0.0000, 0.0000,
0.0000

169.0609,

139.3660, 108.9317

207.7753,
174.1881, 139.5971

■ 21.3810, 13.5440,
6.7975

■ 21.3810, 13.5440,
6.7975

■ 20.1024, 11.6965,
4.1838

■ 23.1372, 16.0994,
10.3340

■ 19.2536, 10.4837,
2.4063

■ 25.4108, 19.4217,
14.8678

■ 18.7786, 9.8206,
1.3633

■ 28.2384, 23.5665,
20.4666

■ 18.6240, 9.5971,
1.0478

■ 31.6532, 28.5837,
27.1920

■ 35.6855, 34.5190,
35.1009

■ 40.3639, 41.4151,
44.2464

■ 45.7149, 49.3118,
54.6783

■ 51.7637, 58.2470,
66.4437

■ 58.5341, 68.2563,
79.5874

Harmonies

Analogous

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



22.5286, 13.5440, 16.2689



21.3810, 13.5440, 6.7975



17.8001, 13.5440, 2.7690

Triad

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



21.3810, 13.5440, 6.7975



7.3355, 13.5440, 5.3866



12.3659, 13.5440, 51.0468

Complementary

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



21.3810, 13.5440, 6.7975



25.9089, 36.3924, 46.2199

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.



8.9513, 13.5440, 42.8865



21.3810, 13.5440, 6.7975



6.4663, 13.5440, 13.3233

Square

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



21.3810, 13.5440, 6.7975



9.6685, 13.5440, 2.3137



6.9878, 13.5440, 27.2775



16.7176, 13.5440, 45.9567

Rectangle

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



21.3810, 13.5440, 6.7975



14.8479, 13.5440, 1.8530



6.9878, 13.5440, 27.2775



11.0818, 13.5440, 49.6855

Sweetspot

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



21.3813, 13.5448, 6.7977



60.5070, 56.8087, 56.1927



27.1923, 15.7176, 44.2481



12.9589, 11.9290, 11.5736



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



21.3813, 13.5448, 6.7977



35.2266, 19.8345, 5.8795



25.6417, 22.2507, 7.6471



8.5078, 8.5098, 8.9066



13.1657, 6.7838, 0.7667



0.4182, 0.2150, 0.0447

Inverse Universe

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



21.3813, 13.5448, 6.7977



35.2266, 19.8345, 5.8795



17.7510, 19.4396, 45.4641



8.5078, 8.5098, 8.9066



13.1657, 6.7838, 0.7667



0.4182, 0.2150, 0.0447

Previews

White Background



This preview shows how the XYZ color 21.3810, 13.5440, 6.7975 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 21.3810, 13.5440, 6.7975 looks on a 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 21.3810, 13.5440, 6.7975

Background



This preview shows how black text looks on a background with the XYZ color 21.3810, 13.5440, 6.7975.



This preview shows how white text looks on a background with the XYZ color 21.3810, 13.5440,

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

21.3810, 13.5440, 6.7975

Protanopia

12.9810, 13.8557, 10.3778

Deuteranopia

13.9083, 13.6962, 6.3255



Tritanopia

21.3810, 13.5440, 6.7975

Trichromacy



Original Color

21.3810, 13.5440, 6.7975

Protanomaly

14.9392, 12.8457, 8.8998

Deuteranomaly

15.9020, 13.0342, 6.3803

Tritanomaly

21.3810, 13.5440, 6.7975

Monochromacy



Original Color

21.3810, 13.5440, 6.7975

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

13.7212, 11.6971, 10.5514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3810, 13.5440, 6.7975 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(179, 63, 67)` looks like.

```
.text, #text, p{  
    color:rgb(179, 63, 67)  
}
```

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(179, 63, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 63, 67) }
```

Border

The CSS property to change the border of an element to XYZ 21.3810, 13.5440, 6.7975 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(179, 63, 67) }
```


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

```
.border{ border-color:rgb(179, 63, 67) }
```

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

Here you see how a box with a 4 pixel rgb(179, 63, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 63, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 63, 67);  
box-shadow:4px 4px 4px 4px rgb(179, 63,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3810, 13.5440, 6.7975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 63, 67) }
```

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

```
.background{ background-color: rgb(179, 63,  
67) }
```

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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