

Converting Colors

XYZ(17.3785, 21.2859, 5.1826)

Have a look what the booklet for
XYZ(17.3785, 21.2859, 5.1826)
contains.

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Color

**XYZ(17.3747, 21.3639,
5.2154)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8528
RGB	126, 133, 40
RGB Percent	49%, 52%, 16%
CMY	0.5059, 0.4784, 0.8431
CMYK	0.05, 0.00, 0.70, 0.48
HSL	65°, 54%, 34%
HSV	65°, 70%, 52%
XYZ	17.3747, 21.3639, 5.2154
YIQ	120.3050, 25.6810, -30.4070

Conversions

Conversions Part 2

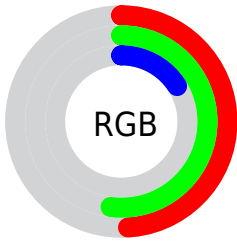
Format	Color
R_{YB}	40, 133, 47
Decimal	8291624
CIE _{Lab}	53.35, -15.14, 46.93
CIE _{LCh}	53, 49.308, 107.876
Yxy	21.3639, 0.3953, 0.4861
Android (android.graphics.Color)	4286481704 (0xFF7E8528)
YUV	120.3050, -39.5904, 4.9945
Hunter-Lab	46.2211, -13.7880, 25.6647

Details

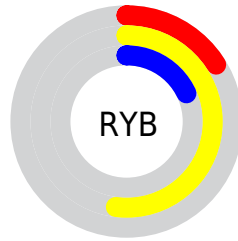
The XYZ color **17.3747, 21.3639, 5.2154** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.1654, 3.8159, 22.6032**, and the grayscale version is **18.0681, 19.0090, 20.7008**.

A 20% lighter version of the original color is **38.5033, 45.6969, 16.6886**, and **5.9944, 7.7965, 1.1889** is the 20% darker color. If you saturate the color by 10%, you get **17.0396, 21.2136, 4.2155**, and if you desaturate by 10%, it is **17.7902, 21.5480, 6.6264**.

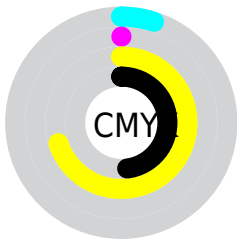
Distribution



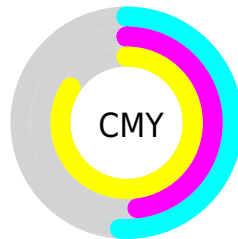
- Red (49%)
- Green (52%)
- Blue (16%)



- Red (16%)
- Yellow (52%)
- Blue (18%)



- Cyan (5%)
- Magenta (0%)
- Yellow (70%)
- Black (48%)



- Cyan (51%)
- Magenta (48%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3747, 21.3639, 5.2154 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 17.3747, 21.3639, 5.2154 by changing the saturation by 10% instead.

■ 17.3747, 21.3639,
5.2154

■ 17.3747, 21.3639,
5.2154

■ 230.4369,
259.2061, 160.9041

■ 10.5990, 13.3903,
2.3133

■ 38.5074, 45.6924,
16.7279

■ 5.8631, 7.6978,
0.7386

■ 53.5951, 62.8160,
26.1753

■ 2.8019, 3.9022,
0.0000

■ 72.1841, 83.7584,
38.6415

■ 1.0499, 1.6190,
0.0000

■ 94.6398, 108.9040,
54.5451

■ 0.0000, 0.3704,
0.0000

■ 121.3276,
138.6372, 74.3047

■ 0.0000, 0.0000,
0.0000

■ 152.6128,

173.3424, 98.3386

188.8608,
213.4039, 127.0656

■ 17.3747, 21.3639,
5.2154

■ 17.3747, 21.3639,
5.2154

■ 17.0396, 21.2136,
4.2155

■ 17.7902, 21.5480,
6.6264

■ 16.7749, 21.0910,
3.5814

■ 18.2918, 21.7660,
8.4853

■ 16.5562, 20.9868,
3.1812

■ 18.8864, 22.0213,
10.8260

■ 16.5545, 20.9860,
3.1782

■ 19.5798, 22.3164,
13.6791

■ 20.3772, 22.6532,
17.0723

■ 21.2837, 23.0338,
21.0317

■ 22.3037, 23.4599,
25.5814

■ 23.4416, 23.9335,
30.7443

■ 24.7016, 24.4560,
36.5419

Harmonies

Analogous

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



22.4903, 21.3639, 4.9444



17.3747, 21.3639, 5.2154



13.7272, 21.3639, 8.8053

Triad

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



17.3747, 21.3639, 5.2154



14.2837, 21.3639, 51.8022



31.8004, 21.3639, 29.8450

Complementary

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



17.3747, 21.3639, 5.2154



6.1654, 3.8159, 22.6032

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.



28.7082, 21.3639, 48.3974



17.3747, 21.3639, 5.2154



18.2674, 21.3639, 64.2696

Square

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



17.3747, 21.3639, 5.2154



12.1648, 21.3639, 33.2612



23.5492, 21.3639, 62.8091



31.4498, 21.3639, 15.4987

Rectangle

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



17.3747, 21.3639, 5.2154



12.3467, 21.3639, 14.0191



23.5492, 21.3639, 62.8091



31.1099, 21.3639, 35.8712

Sweetspot

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



17.3752, 21.3649, 5.2158



36.2548, 40.4660, 29.5615



11.0415, 7.1100, 2.7982



8.0913, 9.0843, 6.3318



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.



17.3752, 21.3649, 5.2158



30.2147, 37.8499, 6.7959



12.1051, 18.6480, 4.9692



5.0061, 5.4057, 5.0089



15.7705, 19.9899, 3.0272



0.0572, 0.0706, 0.0106

Inverse Universe

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



6.1654, 3.8159, 22.6032



8.8167, 4.2768, 40.0992



9.4771, 5.5231, 22.7582



4.4646, 4.5601, 5.8456



4.1552, 1.6763, 21.2412



0.0164, 0.0068, 0.0737

Previews

White Background



This preview shows how the XYZ color 17.3747, 21.3639, 5.2154 looks on a white 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

Black Background



This preview shows how the XYZ color 17.3747, 21.3639, 5.2154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

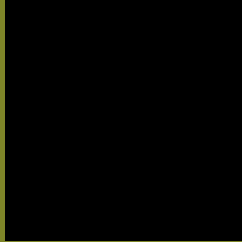
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3747, 21.3639, 5.2154

Background



This preview shows how black text looks on a background with the XYZ color 17.3747, 21.3639, 5.2154.



This preview shows how white text looks on a background with the XYZ color 17.3747, 21.3639,

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

17.3747, 21.3639, 5.2154

Protanopia

19.4131, 21.4245, 5.0316

Deuteranopia

21.5901, 21.2275, 5.3423



Tritanopia

21.5024, 21.2874, 25.5298

Trichromacy



Original Color

17.3747, 21.3639, 5.2154

Protanomaly

18.6654, 21.4301, 5.0721

Deuteranomaly

19.8023, 21.0447, 5.3038

Tritanomaly

19.4053, 21.0044, 15.0881

Monochromacy



Original Color

17.3747, 21.3639, 5.2154

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.2480, 19.5601, 12.7639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3747, 21.3639, 5.2154 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(126, 133, 40)` looks like.

```
.text, #text, p{  
    color:rgb(126, 133, 40)  
}
```

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(126, 133, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 133, 40) }
```

Border

The CSS property to change the border of an element to XYZ 17.3747, 21.3639, 5.2154 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(126, 133, 40) }
```


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

```
.border{ border-color:rgb(126, 133, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 133, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 133, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 133, 40);  
box-shadow:4px 4px 4px 4px rgb(126, 133,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3747, 21.3639, 5.2154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 133, 40) }
```

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

```
.background{ background-color: rgb(126,  
133, 40) }
```

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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