

Converting Colors

XYZ(17.5375, 20.1324, 10.0018)

Have a look what the booklet for
XYZ(17.5375, 20.1324, 10.0018)
contains.

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Color

**XYZ(17.5331, 20.1502,
9.9865)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7F4D
RGB	126, 127, 77
RGB Percent	49%, 50%, 30%
CMY	0.5059, 0.5019, 0.6980
CMYK	0.01, 0.00, 0.39, 0.50
HSL	61°, 25%, 40%
HSV	61°, 39%, 50%
XYZ	17.5331, 20.1502, 9.9865
YIQ	121.0010, 15.4540, -15.7620

Conversions

Conversions Part 2

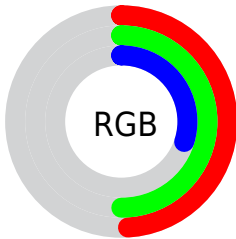
Format	Color
RYB	77, 127, 78
Decimal	8290125
CIELab	52.01, -8.50, 27.06
CIELCh	52, 28.363, 107.448
Yxy	20.1502, 0.3678, 0.4227
Android (android.graphics.Color)	4286480205 (0xFF7E7F4D)
YUV	121.0010, -21.6925, 4.3841
Hunter-Lab	44.8890, -8.8357, 18.2320

Details

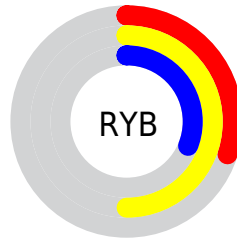
The XYZ color **17.5331, 20.1502, 9.9865** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.6273, 8.4603, 21.2055**, and the grayscale version is **18.2391, 19.1890, 20.8968**.

A 20% lighter version of the original color is **38.9744, 43.8781, 26.4938**, and **5.9522, 7.0842, 2.3500** is the 20% darker color. If you saturate the color by 10%, you get **17.0904, 19.9695, 7.8493**, and if you desaturate by 10%, it is **18.0644, 20.3678, 12.5858**.

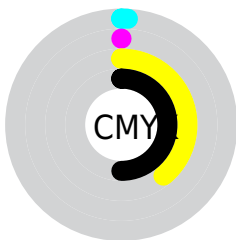
Distribution



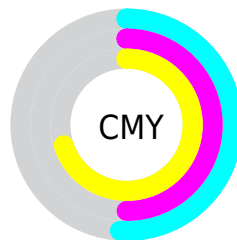
- Red (49%)
- Green (50%)
- Blue (30%)



- Red (30%)
- Yellow (50%)
- Blue (31%)



- Cyan (1%)
- Magenta (0%)
- Yellow (39%)
- Black (50%)



- Cyan (51%)
- Magenta (50%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5331, 20.1502, 9.9865 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 17.5331, 20.1502, 9.9865 by changing the saturation by 10% instead.

■ 17.5331, 20.1502,
9.9865

■ 17.5331, 20.1502,
9.9865

231.3229,
252.7271, 201.0570

■ 10.7130, 12.5043,
5.2845

■ 38.7765, 43.6689,
26.3775

■ 5.9400, 7.0881,
2.3535

■ 53.9304, 60.3104,
38.9036

■ 2.8490, 3.5173,
0.7610

■ 72.5930, 80.7192,
54.8749

■ 1.0744, 1.4074,
0.0000

■ 95.1295, 105.2798,
74.7098

■ 0.0035, 0.2221,
0.0000

■ 121.9055,
134.3765, 98.8270

■ 0.0000, 0.0000,
0.0000

153.2861,

168.3936, 127.6448

189.6368,
207.7157, 161.5820

■ 17.5331, 20.1502,
9.9865

■ 17.5331, 20.1502,
9.9865

■ 17.0904, 19.9695,
7.8493

■ 18.0644, 20.3678,
12.5858

■ 16.7299, 19.8210,
6.1460

■ 18.6877, 20.6214,
15.6706

■ 16.4462, 19.7032,
4.8471

■ 19.4076, 20.9138,
19.2645

■ 16.2331, 19.6136,
3.9193

■ 20.2285, 21.2465,
23.3890

■ 16.0831, 19.5493,
3.3236

■ 21.1540, 21.6211,
28.0644

■ 15.9745, 19.5016,
2.9452

■ 22.1879, 22.0391,
33.3099

■ 15.9678, 19.4987,
2.9220

■ 23.3337, 22.5018,
39.1438

■ 24.5946, 23.0106,
45.5836

■ 25.9738, 23.5668,
52.6462

Harmonies

Analogous

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



20.3859, 20.1502, 9.7796



17.5331, 20.1502, 9.9865



15.3417, 20.1502, 12.8382

Triad

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



17.5331, 20.1502, 9.9865



15.6332, 20.1502, 35.8834



25.1074, 20.1502, 25.5854

Complementary

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



17.5331, 20.1502, 9.9865



9.6273, 8.4603, 21.2055

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.



23.5465, 20.1502, 34.5647



17.5331, 20.1502, 9.9865



17.9692, 20.1502, 41.4397

Square

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



17.5331, 20.1502, 9.9865



14.3230, 20.1502, 27.0688



20.8679, 20.1502, 40.9041



24.9604, 20.1502, 17.5040

Rectangle

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



17.5331, 20.1502, 9.9865



14.4630, 20.1502, 16.3828



20.8679, 20.1502, 40.9041



24.7589, 20.1502, 28.6304

Sweetspot

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



17.5336, 20.1511, 9.9869



34.3583, 37.2896, 32.5238



12.8052, 10.4735, 8.3682



8.0122, 8.7175, 7.4546



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.5336, 20.1511, 9.9869



30.6942, 35.7960, 14.4910



14.3152, 18.4920, 9.8363



4.6571, 5.0152, 4.6427



16.1029, 19.6637, 2.9468



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.6273, 8.4603, 21.2055



14.4967, 11.8427, 37.4781



12.0597, 9.7143, 21.3193



4.1162, 4.2155, 5.4100



3.8955, 1.5619, 20.3461



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.5331, 20.1502, 9.9865 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 17.5331, 20.1502, 9.9865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

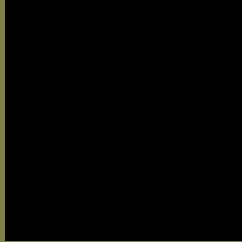
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5331, 20.1502, 9.9865

Background



This preview shows how black text looks on a background with the XYZ color 17.5331, 20.1502, 9.9865.



This preview shows how white text looks on a background with the XYZ color 17.5331, 20.1502,

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

17.5331, 20.1502, 9.9865

Protanopia

18.5038, 20.0880, 9.7396

Deuteranopia

20.2841, 19.9109, 10.1712



Tritanopia

20.3824, 20.1920, 23.9423

Trichromacy



Original Color

17.5331, 20.1502, 9.9865

Protanomaly

18.1538, 20.0946, 9.7593

Deuteranomaly

19.1970, 19.8875, 10.0346

Tritanomaly

19.1581, 20.0594, 17.9010

Monochromacy



Original Color

17.5331, 20.1502, 9.9865

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.8011, 19.3968, 16.1703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5331, 20.1502, 9.9865 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, 127, 77)` looks like.

```
.text, #text, p{  
    color:rgb(126, 127, 77)  
}
```

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, 127, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 127, 77) }
```

Border

The CSS property to change the border of an element to XYZ 17.5331, 20.1502, 9.9865 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, 127, 77) }
```


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

```
.border{ border-color:rgb(126, 127, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 127, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 127, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 127, 77);  
box-shadow:4px 4px 4px 4px rgb(126, 127,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5331, 20.1502, 9.9865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 127, 77) }
```

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

```
.background{ background-color: rgb(126,  
127, 77) }
```

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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