

Converting Colors

XYZ(17.8022, 20.0379, 24.3964)

Have a look what the booklet for
XYZ(17.8022, 20.0379, 24.3964)
contains.

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Color

**XYZ(17.7495, 19.9432,
24.3867)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7F83
RGB	107, 127, 131
RGB Percent	42%, 50%, 51%
CMY	0.5804, 0.5020, 0.4863
CMYK	0.18, 0.03, 0.00, 0.49
HSL	190°, 10%, 47%
HSV	190°, 18%, 51%
XYZ	17.7495, 19.9432, 24.3867
YIQ	121.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

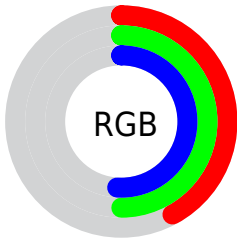
Format	Color
R_{YB}	107, 118, 131
Decimal	7044995
CIE _{Lab}	51.77, -6.33, -4.61
CIE _{LCh}	52, 7.831, 216.052
Yxy	19.9432, 0.2859, 0.3213
Android (android.graphics.Color)	4285235075 (0xFF6B7F83)
YUV	121.4760, 4.6953, -12.6955
Hunter-Lab	44.6578, -7.2053, -1.1166

Details

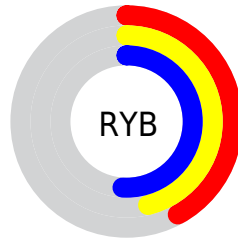
The XYZ color **17.7495, 19.9432, 24.3867** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6986, 17.2558, 16.3082**, and the grayscale version is **18.3168, 19.2707, 20.9858**.

A 20% lighter version of the original color is **39.2711, 43.4741, 51.6689**, and **6.0510, 6.9878, 9.0125** is the 20% darker color. If you saturate the color by 10%, you get **16.0136, 18.6349, 24.2260**, and if you desaturate by 10%, it is **19.7313, 21.3884, 24.5615**.

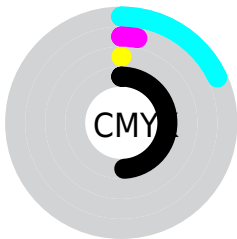
Distribution



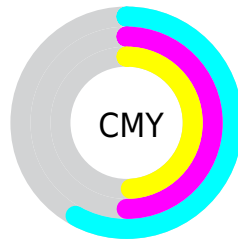
- Red (42%)
- Green (50%)
- Blue (51%)



- Red (42%)
- Yellow (46%)
- Blue (51%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



- Cyan (58%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7495, 19.9432, 24.3867 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 17.7495, 19.9432, 24.3867 by changing the saturation by 10% instead.

■ 17.7495, 19.9432,
24.3867

■ 17.7495, 19.9432,
24.3867

232.5283,
251.6075, 288.1190

■ 10.8689, 12.3538,
15.4059

■ 39.1435, 43.3219,
51.6122

■ 6.0454, 6.9851,
8.9550

■ 54.3875, 59.8800,
70.6940

■ 2.9136, 3.4528,
4.6154

■ 73.1501, 80.1964,
93.9799

■ 1.1082, 1.3724,
1.9687

■ 95.7965, 104.6556,
121.8883

■ 0.0320, 0.1963,
0.5359

122.6922,
133.6419, 154.8379

■ 0.0000, 0.0000,
0.0000

154.2025,

167.5397, 193.2472

190.6927,
206.7334, 237.5347

■ 17.7495, 19.9432,
24.3867

■ 17.7495, 19.9432,
24.3867

■ 16.0136, 18.6349,
24.2260

■ 19.7313, 21.3884,
24.5615

■ 14.5112, 17.4554,
24.0775

■ 21.9673, 22.9732,
24.7496

■ 13.2312, 16.3996,
23.9412

■ 24.4676, 24.7035,
24.9518

■ 12.1611, 15.4609,
23.8164

■ 27.2413, 26.5839,
25.1685

■ 11.2871, 14.6320,
23.7025

■ 30.2968, 28.6189,
25.4003

■ 10.5936, 13.9050,
23.5987

■ 33.6423, 30.8128,
25.6474

■ 10.0626, 13.2705,
23.5042

■ 37.2858, 33.1697,
25.9103

■ 9.6510, 12.7063,
23.4170

■ 41.2347, 35.6934,
26.1893

■ 9.5842, 12.6135,
23.4026

■ 45.4964, 38.3879,
26.4848

Harmonies

Analogous

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



17.4796, 19.9432, 22.1783



17.7495, 19.9432, 24.3867



18.3434, 19.9432, 25.9540

Triad

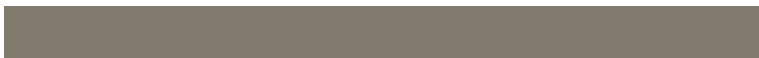
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.7495, 19.9432, 24.3867



20.3830, 19.9432, 23.5355



18.7952, 19.9432, 17.6563

Complementary

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



17.7495, 19.9432, 24.3867



17.6986, 17.2558, 16.3082

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.



19.5809, 19.9432, 17.9643



17.7495, 19.9432, 24.3867



20.5121, 19.9432, 21.2577

Square

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



17.7495, 19.9432, 24.3867



19.8668, 19.9432, 25.4390



20.2147, 19.9432, 19.2455



18.0724, 19.9432, 18.3729

Rectangle

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



17.7495, 19.9432, 24.3867



18.8506, 19.9432, 26.3677



20.2147, 19.9432, 19.2455



19.0606, 19.9432, 17.6441

Sweetspot

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



17.7501, 19.9440, 24.3871



36.5667, 39.1832, 44.0890



17.0273, 20.4977, 17.9831



8.4587, 9.0836, 10.2602



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.



17.7501, 19.9440, 24.3871



30.4317, 34.7044, 43.5478



16.3370, 17.1178, 23.9161



4.7374, 5.1504, 5.9452



9.4357, 12.4192, 23.0365



0.0370, 0.0517, 0.0813

Inverse Universe

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



18.4490, 16.8734, 22.3641



31.9396, 28.1899, 39.1587



19.0477, 19.9541, 16.7579



4.8255, 4.7499, 5.6932



11.9408, 5.8407, 14.7925



0.0436, 0.0211, 0.0628

Previews

White Background



This preview shows how the XYZ color 17.7495, 19.9432, 24.3867 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 17.7495, 19.9432, 24.3867 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

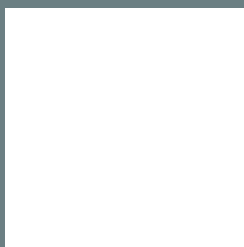
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7495, 19.9432, 24.3867

Background



This preview shows how black text looks on a background with the XYZ color 17.7495, 19.9432, 24.3867.



This preview shows how white text looks on a background with the XYZ color 17.7495, 19.9432,

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

17.7495, 19.9432, 24.3867

Protanopia

19.1680, 19.7627, 23.2264

Deuteranopia

20.3102, 19.9517, 24.9709



Tritanopia

18.0891, 19.8874, 26.1778

Trichromacy



Original Color

17.7495, 19.9432, 24.3867

Protanomaly

18.6413, 19.8518, 23.6182

Deuteranomaly

19.2739, 19.9694, 24.6684

Tritanomaly

17.9483, 19.8311, 25.4361

Monochromacy



Original Color

17.7495, 19.9432, 24.3867

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9871, 19.3596, 22.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7495, 19.9432, 24.3867 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(107, 127, 131)` looks like.

```
.text, #text, p{  
    color:rgb(107, 127, 131)  
}
```

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(107, 127, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 127, 131) }
```

Border

The CSS property to change the border of an element to XYZ 17.7495, 19.9432, 24.3867 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(107, 127, 131) }
```


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

```
.border{ border-color:rgb(107, 127, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 127, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 127, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 127, 131);  
box-shadow:4px 4px 4px 4px rgb(107, 127,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7495, 19.9432, 24.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 127, 131) }
```

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

```
.background{ background-color: rgb(107,  
127, 131) }
```

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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