

Converting Colors

XYZ(19.9562, 20.5441, 24.7436)

Have a look what the booklet for
XYZ(19.9562, 20.5441, 24.7436)
contains.

XYZ(19.9767, 20.5169, 24.7371)	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(19.9767, 20.5169,
24.7371)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7C84
RGB	126, 124, 132
RGB Percent	49%, 49%, 52%
CMY	0.5059, 0.5137, 0.4823
CMYK	0.05, 0.06, 0.00, 0.48
HSL	255°, 3%, 50%
HSV	255°, 6%, 52%
XYZ	19.9767, 20.5169, 24.7371
YIQ	125.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

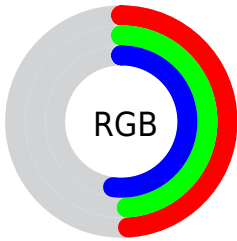
Format	Color
RYB	126, 124, 132
Decimal	8289412
CIELab	52.42, 2.38, -4.08
CIELCh	52, 4.721, 300.273
Yxy	20.5169, 0.3062, 0.3145
Android (android.graphics.Color)	4286479492 (0xFF7E7C84)
YUV	125.5100, 3.1996, 0.4297
Hunter-Lab	45.2956, -0.5435, -0.6729

Details

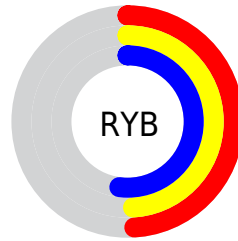
The XYZ color **19.9767, 20.5169, 24.7371** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.0961, 22.7042, 22.3403**, and the grayscale version is **19.6554, 20.6790, 22.5195**.

A 20% lighter version of the original color is **42.8727, 44.1372, 52.1586**, and **7.1380, 7.2345, 9.2038** is the 20% darker color. If you saturate the color by 10%, you get **17.0434, 16.7116, 24.1575**, and if you desaturate by 10%, it is **23.2773, 24.8414, 25.3982**.

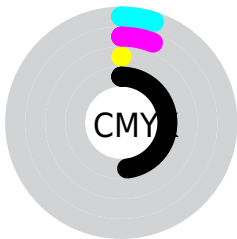
Distribution



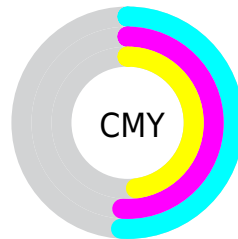
- Red (49%)
- Green (49%)
- Blue (52%)



- Red (49%)
- Yellow (49%)
- Blue (52%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (48%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9767, 20.5169, 24.7371 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 19.9767, 20.5169, 24.7371 by changing the saturation by 10% instead.

■ 19.9767, 20.5169,
24.7371

■ 19.9767, 20.5169,
24.7371

244.6249,
254.6998, 289.9318

■ 12.4863, 12.7713,
15.6641

■ 42.8824, 44.2821,
52.1892

■ 7.1503, 7.2713,
9.1350

■ 59.0283, 61.0706,
71.4054

■ 3.6034, 3.6323,
4.7313

■ 78.7901, 81.6421,
94.8397

■ 1.4803, 1.4701,
2.0345

102.5332,
106.3811, 122.9106

■ 0.3124, 0.2675,
0.5764

130.6228,
135.6720, 156.0367

■ 0.0000, 0.0000,
0.0000

163.4244,

169.8991, 194.6366

201.3034,
209.4470, 239.1288

■ 19.9767, 20.5169,
24.7371

■ 19.9767, 20.5169,
24.7371

■ 17.0434, 16.7116,
24.1575

■ 23.2773, 24.8414,
25.3982

■ 14.4626, 13.4034,
23.6550

■ 26.9555, 29.7010,
26.1423

■ 12.2212, 10.5720,
23.2266

■ 31.0238, 35.1142,
26.9727

■ 10.3047, 8.1952,
22.8689

■ 35.4932, 41.0980,
27.8922

■ 8.6973, 6.2488,
22.5779

■ 40.3745, 47.6683,
28.9031

7.3820, 4.7063,
22.3495

45.6779, 54.8407,
30.0080

6.3399, 3.5382,
22.1789

51.4135, 62.6300,
31.2092

5.5498, 2.7108,
22.0609

57.5907, 71.0507,
32.5089

4.9798, 2.1699,
21.9865

64.2190, 80.1165,
33.9095

Harmonies

Analogous

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



19.5052, 20.5169, 25.1307



19.9767, 20.5169, 24.7371



20.3254, 20.5169, 23.6961

Triad

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



19.9767, 20.5169, 24.7371



19.9688, 20.5169, 20.0900



18.5790, 20.5169, 22.3522

Complementary

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



19.9767, 20.5169, 24.7371



21.0961, 22.7042, 22.3403

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.



18.6986, 20.5169, 21.0355



19.9767, 20.5169, 24.7371



19.4962, 20.5169, 19.7629

Square

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



19.9767, 20.5169, 24.7371



20.3209, 20.5169, 21.0142



19.0323, 20.5169, 20.1019



18.7029, 20.5169, 23.7192

Rectangle

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



19.9767, 20.5169, 24.7371



20.4385, 20.5169, 22.7957



19.0323, 20.5169, 20.1019



18.5920, 20.5169, 21.8893

Sweetspot

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



19.9773, 20.5178, 24.7375



37.4441, 39.0872, 44.0242



20.4782, 21.9525, 24.9881



8.7365, 9.1249, 10.2535



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.



19.9773, 20.5178, 24.7375



34.5912, 35.3618, 43.4555



20.5587, 20.8175, 24.7648



4.6676, 4.7685, 5.8752



4.6434, 1.9279, 21.2641



0.0219, 0.0097, 0.0739

Inverse Universe

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



20.7534, 20.9335, 24.0670



36.1964, 36.2218, 42.0626



20.5139, 22.4041, 22.3131



4.8890, 4.8871, 5.6829



11.3978, 5.6235, 11.9331



0.0424, 0.0206, 0.0567

Previews

White Background



This preview shows how the XYZ color 19.9767, 20.5169, 24.7371 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 19.9767, 20.5169, 24.7371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

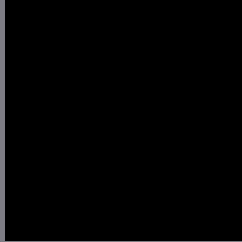
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

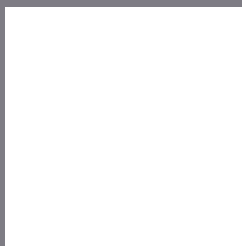
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9767, 20.5169, 24.7371

Background



This preview shows how black text looks on a background with the XYZ color 19.9767, 20.5169, 24.7371.



This preview shows how white text looks on a background with the XYZ color 19.9767, 20.5169,

24.7371.

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

19.9767, 20.5169, 24.7371

Protanopia

19.8300, 20.4412, 24.7302

Deuteranopia

20.9025, 20.4365, 25.0333



Tritanopia

20.1149, 20.5722, 25.4649

Trichromacy



Original Color

19.9767, 20.5169, 24.7371

Protanomaly

19.8300, 20.4412, 24.7302

Deuteranomaly

20.5532, 20.4378, 25.0519

Tritanomaly

20.0455, 20.5444, 25.0993

Monochromacy



Original Color

19.9767, 20.5169, 24.7371

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.8341, 20.6614, 23.3647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9767, 20.5169, 24.7371 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, 124, 132)` looks like.

```
.text, #text, p{  
    color:rgb(126, 124, 132)  
}
```

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, 124, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 124, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.9767, 20.5169, 24.7371 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, 124, 132) }
```


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

```
.border{ border-color:rgb(126, 124, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 124, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 124, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 124, 132);  
box-shadow:4px 4px 4px 4px rgb(126, 124,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9767, 20.5169, 24.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 124, 132) }
```

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

```
.background{ background-color: rgb(126,  
124, 132) }
```

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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