

Converting Colors

XYZ(19.7786, 20.4721, 30.8591)

Have a look what the booklet for
XYZ(19.7786, 20.4721, 30.8591)
contains.

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Color

**XYZ(19.7491, 20.4502,
30.9234)**

Conversions

Conversions Part 1

Format	Color
Hex	737D94
RGB	115, 125, 148
RGB Percent	45%, 49%, 58%
CMY	0.5490, 0.5098, 0.4196
CMYK	0.22, 0.16, 0.00, 0.42
HSL	222°, 13%, 52%
HSV	222°, 22%, 58%
XYZ	19.7491, 20.4502, 30.9234
YIQ	124.6320, -13.3430, 5.0330

Conversions

Conversions Part 2

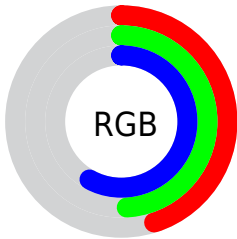
Format	Color
R _Y B	115, 123, 148
Decimal	7568788
CIE Lab	52.34, 1.57, -13.63
CIE LCh	52, 13.722, 276.557
Yxy	20.4502, 0.2777, 0.2875
Android (android.graphics.Color)	4285758868 (0xFF737D94)
YUV	124.6320, 11.5204, -8.4473
Hunter-Lab	45.2219, -1.1846, -8.8880

Details

The XYZ color **19.7491, 20.4502, 30.9234** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **24.3958, 25.7105, 19.8968**, and the grayscale version is **19.3357, 20.3426, 22.1531**.

A 20% lighter version of the original color is **42.5174, 44.3205, 62.1909**, and **6.9889, 7.1902, 12.3288** is the 20% darker color. If you saturate the color by 10%, you get **16.7184, 17.0495, 30.4271**, and if you desaturate by 10%, it is **23.2291, 24.2849, 31.4805**.

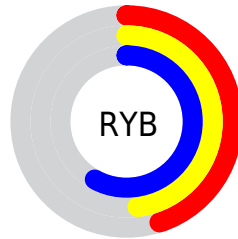
Distribution



Red (45%)

Green (49%)

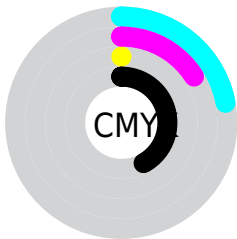
Blue (58%)



Red (45%)

Yellow (48%)

Blue (58%)

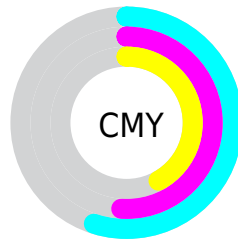


Cyan (22%)

Magenta (16%)

Yellow (0%)

Black (42%)



Cyan (55%)

Magenta (51%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7491, 20.4502, 30.9234 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 19.7491, 20.4502, 30.9234 by changing the saturation by 10% instead.

■ 19.7491, 20.4502,
30.9234

■ 19.7491, 20.4502,
30.9234

243.4131,
254.3420, 320.5255

■ 12.3200, 12.7227,
20.2826

■ 42.5033, 44.1707,
62.1976

■ 7.0357, 7.2379,
12.4145

■ 58.5591, 60.9325,
83.6681

■ 3.5310, 3.6113,
6.9007

■ 78.2212, 81.4745,
109.5855

■ 1.4404, 1.4586,
3.3225

101.8549,
106.1812, 140.3683

■ 0.2847, 0.2593,
1.2616

129.8256,
135.4369, 176.4352

■ 0.0000, 0.0000,
0.0300

162.4986,

■ 0.0000, 0.0000,

169.6260, 218.2047

0.0000

200.2393,
209.1329, 266.0953

■ 19.7491, 20.4502,
30.9234

■ 19.7491, 20.4502,
30.9234

■ 16.7184, 17.0495,
30.4271

■ 23.2291, 24.2849,
31.4805

■ 14.1162, 14.0644,
29.9880

■ 27.1745, 28.5661,
32.0989

■ 11.9227, 11.4787,
29.6046

■ 31.6026, 33.3090,
32.7810

■ 10.1157, 9.2744,
29.2743

■ 36.5295, 38.5272,
33.5285

■ 8.6708, 7.4315,
28.9948

■ 41.9703, 44.2338,
34.3432

■ 7.5605, 5.9283,
28.7631

■ 47.9397, 50.4412,
35.2268

■ 6.7528, 4.7403,
28.5764

■ 54.4516, 57.1616,
36.1807

■ 6.2783, 4.0040,
28.4593

■ 61.5195, 64.4066,
37.2066

■ 69.1564, 72.1875,
38.3060

Harmonies

Analogous

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



18.3766, 20.4502, 30.1933



19.7491, 20.4502, 30.9234



21.1004, 20.4502, 29.1181

Triad

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



19.7491, 20.4502, 30.9234



21.7018, 20.4502, 17.9475



17.0503, 20.4502, 19.3132

Complementary

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



19.7491, 20.4502, 30.9234



24.3958, 25.7105, 19.8968

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.



17.8640, 20.4502, 16.5845



19.7491, 20.4502, 30.9234



20.5381, 20.4502, 15.8653

Square

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



19.7491, 20.4502, 30.9234



22.2625, 20.4502, 21.3903



19.1288, 20.4502, 15.3983



16.8618, 20.4502, 23.1669

Rectangle

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



19.7491, 20.4502, 30.9234



21.7930, 20.4502, 26.8349



19.1288, 20.4502, 15.3983



17.2578, 20.4502, 18.2490

Sweetspot

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



19.7497, 20.4510, 30.9239



44.4717, 46.6445, 56.0940



22.2154, 26.6470, 27.8472



10.0708, 10.5599, 12.7923



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.7497, 20.4510, 30.9239



31.9467, 32.8448, 54.0905



19.3686, 18.4685, 30.5613



5.6343, 5.9026, 7.3121



5.3843, 3.4635, 24.3158



0.0894, 0.0895, 0.3055

Inverse Universe

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



22.0456, 20.0385, 22.1089



36.8089, 32.1273, 35.3875



24.8315, 28.1644, 20.3475



5.8689, 5.8426, 6.4155



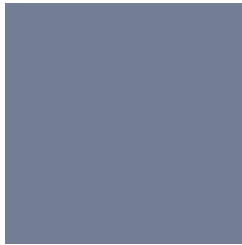
10.8448, 5.5430, 2.6640



0.1446, 0.0726, 0.0952

Previews

White Background



This preview shows how the XYZ color 19.7491, 20.4502, 30.9234 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 19.7491, 20.4502, 30.9234 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

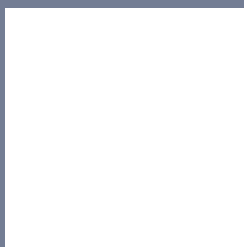
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7491, 20.4502, 30.9234

Background



This preview shows how black text looks on a background with the XYZ color 19.7491, 20.4502, 30.9234.

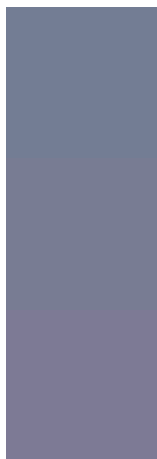


This preview shows how white text looks on a background with the XYZ color 19.7491, 20.4502,

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

19.7491, 20.4502, 30.9234

Protanopia

20.2198, 20.5150, 30.4978

Deuteranopia

20.8418, 20.4490, 31.2823



Tritanopia

18.9148, 20.4956, 26.6260

Trichromacy



Original Color

19.7491, 20.4502, 30.9234

Protanomaly

19.9453, 20.3734, 30.4850

Deuteranomaly

20.3929, 20.4008, 31.2967

Tritanomaly

19.2080, 20.4222, 28.1288

Monochromacy



Original Color

19.7491, 20.4502, 30.9234

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.4524, 20.4256, 25.1076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7491, 20.4502, 30.9234 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(115, 125, 148)` looks like.

```
.text, #text, p{  
    color:rgb(115, 125, 148)  
}
```

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(115, 125, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 125, 148) }
```

Border

The CSS property to change the border of an element to XYZ 19.7491, 20.4502, 30.9234 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(115, 125, 148) }
```


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

```
.border{ border-color:rgb(115, 125, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 125, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 125, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 125, 148);  
box-shadow:4px 4px 4px 4px rgb(115, 125,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7491, 20.4502, 30.9234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 125, 148) }
```

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

```
.background{ background-color: rgb(115,  
125, 148) }
```

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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