

Converting Colors

XYZ(21.5361, 21.1743, 32.7579)

Have a look what the booklet for
XYZ(21.5361, 21.1743, 32.7579)
contains.

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Color

**XYZ(21.4793, 21.1179,
32.6498)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7C98
RGB	126, 124, 152
RGB Percent	49%, 49%, 60%
CMY	0.5059, 0.5137, 0.4039
CMYK	0.17, 0.18, 0.00, 0.40
HSL	244°, 12%, 54%
HSV	244°, 18%, 60%
XYZ	21.4793, 21.1179, 32.6498
YIQ	127.7900, -7.7960, 9.1320

Conversions

Conversions Part 2

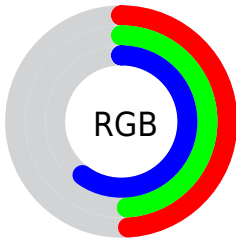
Format	Color
RYB	126, 124, 152
Decimal	8289432
CIELab	53.08, 6.80, -14.77
CIELCh	53, 16.257, 294.736
Yxy	21.1179, 0.2855, 0.2806
Android (android.graphics.Color)	4286479512 (0xFF7E7C98)
YUV	127.7900, 11.9355, -1.5698
Hunter-Lab	45.9542, 3.0122, -9.9567

Details

The XYZ color **21.4793, 21.1179, 32.6498** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **27.4447, 30.3962, 23.4903**, and the grayscale version is **20.4075, 21.4703, 23.3812**.

A 20% lighter version of the original color is **45.2563, 45.0906, 64.7106**, and **7.9256, 7.5495, 13.3514** is the 20% darker color. If you saturate the color by 10%, you get **17.7828, 16.5996, 31.9728**, and if you desaturate by 10%, it is **25.7644, 26.3767, 33.4393**.

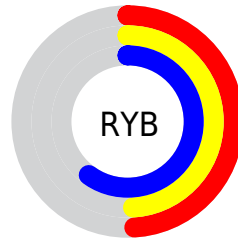
Distribution



Red (49%)

Green (49%)

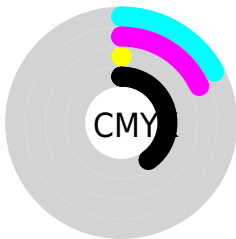
Blue (60%)



Red (49%)

Yellow (49%)

Blue (60%)

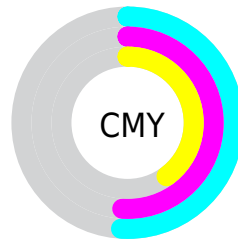


Cyan (17%)

Magenta (18%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (51%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4793, 21.1179, 32.6498 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 21.4793, 21.1179, 32.6498 by changing the saturation by 10% instead.

■ 21.4793, 21.1179,
32.6498

■ 21.4793, 21.1179,
32.6498

252.4986,
257.9044, 328.6522

■ 13.5893, 13.2102,
21.5894

■ 45.3692, 45.2837,
64.9381

■ 7.9153, 7.5735,
13.3601

■ 62.0997, 62.3105,
87.0030

■ 4.0922, 3.8232,
7.5433

■ 82.5078, 83.1459,
113.5733

■ 1.7544, 1.5752,
3.7206

106.9587,
108.1742, 145.0673

■ 0.4900, 0.3408,
1.4734

135.8179,
137.7798, 181.9037

■ 0.0000, 0.0000,
0.1980

169.4508,

■ 0.0000, 0.0000,

172.3471, 224.5009

0.0000

208.2225,
212.2605, 273.2776

■ 21.4793, 21.1179,
32.6498

■ 21.4793, 21.1179,
32.6498

■ 17.7828, 16.5996,
31.9728

■ 25.7644, 26.3767,
33.4393

■ 14.6474, 12.7859,
31.4020

■ 30.6603, 32.4042,
34.3447

■ 12.0461, 9.6422,
30.9323

■ 36.1903, 39.2308,
35.3709

■ 9.9491, 7.1296,
30.5578

■ 42.3760, 46.8840,
36.5221

■ 8.3236, 5.2054,
30.2721

■ 49.2378, 55.3903,
37.8023

■ 7.1329, 3.8216,
30.0678

■ 56.7955, 64.7749,
39.2154

■ 6.3347, 2.9225,
29.9363

■ 65.0679, 75.0619,
40.7650

■ 5.8608, 2.4054,
29.8614

■ 74.0730, 86.2747,
42.4547

■ 5.8036, 2.3372,
29.8513

■ 81.9490, 94.6766,
43.6613

Harmonies

Analogous

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



19.7718, 21.1179, 33.7021



21.4793, 21.1179, 32.6498



22.8778, 21.1179, 28.8697

Triad

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



21.4793, 21.1179, 32.6498



22.0306, 21.1179, 16.1308



16.9728, 21.1179, 22.1407

Complementary

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



21.4793, 21.1179, 32.6498



27.4447, 30.3962, 23.4903

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.



17.5054, 21.1179, 17.9747



21.4793, 21.1179, 32.6498



20.3751, 21.1179, 14.8343

Square

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



21.4793, 21.1179, 32.6498



23.2086, 21.1179, 19.2746



18.7274, 21.1179, 15.4583



17.2315, 21.1179, 27.1630

Rectangle

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



21.4793, 21.1179, 32.6498



23.4137, 21.1179, 25.5629



18.7274, 21.1179, 15.4583



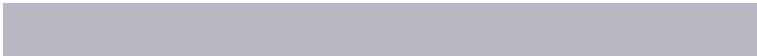
17.0643, 21.1179, 20.6029

Sweetspot

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



21.4800, 21.1188, 32.6503



47.3693, 48.8847, 59.3727



24.9079, 28.4079, 33.8765



10.6560, 10.9751, 13.4743



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.4800, 21.1188, 32.6503



35.1761, 33.9256, 57.1280



23.6686, 22.2471, 32.7527



5.9233, 6.0463, 7.7838



4.8774, 1.9654, 25.0300



0.0824, 0.0343, 0.3746

Inverse Universe

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



25.6622, 23.2936, 31.9986



43.9278, 38.4775, 55.7197



25.0419, 29.1576, 23.3779



6.4422, 6.3160, 7.7087



14.9027, 7.2153, 21.8104



0.2277, 0.1098, 0.3519

Previews

White Background



This preview shows how the XYZ color 21.4793, 21.1179, 32.6498 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 21.4793, 21.1179, 32.6498 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 21.4793, 21.1179, 32.6498

Background



This preview shows how black text looks on a background with the XYZ color 21.4793, 21.1179, 32.6498.



This preview shows how white text looks on a background with the XYZ color 21.4793, 21.1179,

32.6498.

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

21.4793, 21.1179, 32.6498

Protanopia

21.0958, 21.2866, 33.1338

Deuteranopia

21.4793, 21.1179, 32.6498



Tritanopia

20.2731, 21.1958, 26.6896

Trichromacy



Original Color

21.4793, 21.1179, 32.6498

Protanomaly

21.2518, 21.1781, 33.1047

Deuteranomaly

21.4793, 21.1179, 32.6498

Tritanomaly

20.6555, 21.1598, 28.5868

Monochromacy



Original Color

21.4793, 21.1179, 32.6498

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.8571, 21.4969, 26.7169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4793, 21.1179, 32.6498 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(126, 124, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 124, 152) }
```

Border

The CSS property to change the border of an element to XYZ 21.4793, 21.1179, 32.6498 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, 152) }
```


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

```
.border{ border-color:rgb(126, 124, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 124, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 124, 152);  
box-shadow:4px 4px 4px 4px rgb(126, 124,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4793, 21.1179, 32.6498 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, 152) }
```

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

```
.background{ background-color: rgb(126,  
124, 152) }
```

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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