

Converting Colors

XYZ(20.5321, 20.0801, 32.5012)

Have a look what the booklet for
XYZ(20.5321, 20.0801, 32.5012)
contains.

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Color

**XYZ(20.5309, 20.0793,
32.4994)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7998
RGB	122, 121, 152
RGB Percent	48%, 47%, 60%
CMY	0.5216, 0.5255, 0.4039
CMYK	0.20, 0.20, 0.00, 0.40
HSL	242°, 13%, 54%
HSV	242°, 20%, 60%
XYZ	20.5309, 20.0793, 32.4994
YIQ	124.8330, -9.3550, 9.8530

Conversions

Conversions Part 2

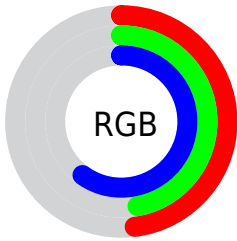
Format	Color
R_{YB}	122, 121, 152
Decimal	8026520
CIE Lab	51.93, 7.22, -16.55
CIE LCh	52, 18.050, 293.564
Yxy	20.0793, 0.2808, 0.2746
Android (android.graphics.Color)	4286216600 (0xFF7A7998)
YUV	124.8330, 13.3933, -2.4845
Hunter-Lab	44.8099, 3.3673, -11.6344

Details

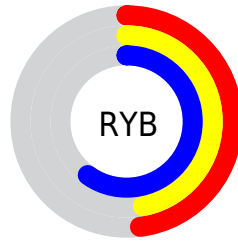
The XYZ color **20.5309, 20.0793, 32.4994** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **27.4426, 30.4168, 22.5147**, and the grayscale version is **19.3960, 20.4061, 22.2223**.

A 20% lighter version of the original color is **43.7633, 43.4573, 64.4740**, and **7.4792, 7.1211, 13.2922** is the 20% darker color. If you saturate the color by 10%, you get **16.8998, 15.6783, 31.8416**, and if you desaturate by 10%, it is **24.7697, 25.2266, 33.2698**.

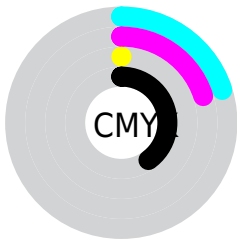
Distribution



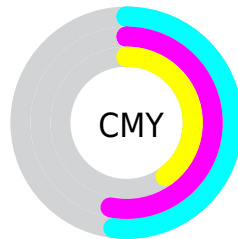
- Red (48%)
- Green (47%)
- Blue (60%)



- Red (48%)
- Yellow (47%)
- Blue (60%)



- Cyan (20%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5309, 20.0793, 32.4994 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 20.5309, 20.0793, 32.4994 by changing the saturation by 10% instead.

■ 20.5309, 20.0793,
32.4994

■ 20.5309, 20.0793,
32.4994

247.5540,
252.3441, 327.9505

■ 12.8920, 12.4527,
21.4753

■ 43.8027, 43.5501,
64.7002

■ 7.4307, 7.0528,
13.2772

■ 60.1663, 60.1631,
86.7138

■ 3.7816, 3.4951,
7.4868

■ 80.1689, 80.5403,
113.2278

■ 1.5793, 1.3954,
3.6853

104.1759,
105.0662, 144.6606

■ 0.3789, 0.2133,
1.4543

132.5525,
134.1251, 181.4307

■ 0.0000, 0.0000,
0.1836

165.6642,

■ 0.0000, 0.0000,

168.1015, 223.9567

0.0000

203.8762,
207.3797, 272.6571

■ 20.5309, 20.0793,
32.4994

■ 20.5309, 20.0793,
32.4994

■ 16.8998, 15.6783,
31.8416

■ 24.7697, 25.2266,
33.2698

■ 13.8467, 11.9868,
31.2900

■ 29.6401, 31.1499,
34.1565

■ 11.3423, 8.9682,
30.8394

■ 35.1673, 37.8805,
35.1643

■ 9.3542, 6.5820,
30.4836

■ 41.3744, 45.4471,
36.2976

■ 7.8463, 4.7834,
30.2159

■ 48.2834, 53.8769,
37.5606

■ 6.7780, 3.5213,
30.0286

■ 55.9152, 63.1960,
38.9571

■ 6.1020, 2.7363,
29.9127

■ 64.2902, 73.4294,
40.4910

■ 5.7289, 2.2986,
29.8479

■ 73.4275, 84.6010,
42.1657

■ 82.4450, 94.9323,
43.6846

Harmonies

Analogous

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



18.6918, 20.0793, 33.5249



20.5309, 20.0793, 32.4994



22.0676, 20.0793, 28.4331

Triad

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



20.5309, 20.0793, 32.4994



21.2588, 20.0793, 14.6970



15.7878, 20.0793, 20.7493

Complementary

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



20.5309, 20.0793, 32.4994



27.4426, 30.4168, 22.5147

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.



16.3836, 20.0793, 16.3919



20.5309, 20.0793, 32.4994



19.4832, 20.0793, 13.2778

Square

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



20.5309, 20.0793, 32.4994



22.5064, 20.0793, 18.0656



17.7082, 20.0793, 13.8445



16.0288, 20.0793, 26.1582

Rectangle

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



20.5309, 20.0793, 32.4994



22.6743, 20.0793, 24.8497



17.7082, 20.0793, 13.8445



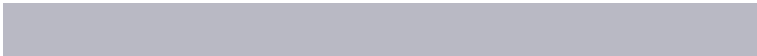
15.8956, 20.0793, 19.1256

Sweetspot

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



20.5315, 20.0801, 32.4999



47.2578, 48.8272, 59.3675



24.6978, 28.6216, 33.9289



10.6285, 10.9609, 13.4730



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.



20.5315, 20.0801, 32.4999



33.5021, 32.1229, 56.8682



22.8248, 21.2623, 32.6072



5.9020, 6.0353, 7.7828



4.8087, 1.9300, 25.0268



0.0762, 0.0311, 0.3744

Inverse Universe

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



25.3728, 22.5853, 32.3011



43.4706, 37.2817, 56.4348



24.8307, 29.0703, 22.3924



6.4526, 6.3202, 7.7636



15.2822, 7.3671, 23.8088



0.2308, 0.1111, 0.3681

Previews

White Background



This preview shows how the XYZ color 20.5309, 20.0793, 32.4994 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 20.5309, 20.0793, 32.4994 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 20.5309, 20.0793, 32.4994

Background



This preview shows how black text looks on a background with the XYZ color 20.5309, 20.0793, 32.4994.



This preview shows how white text looks on a background with the XYZ color 20.5309, 20.0793,

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

20.5309, 20.0793, 32.4994

Protanopia

20.1688, 20.2477, 32.9822

Deuteranopia

20.5309, 20.0793, 32.4994



Tritanopia

19.1185, 20.0585, 25.4183

Trichromacy



Original Color

20.5309, 20.0793, 32.4994

Protanomaly

20.3171, 20.1409, 32.9538

Deuteranomaly

20.5309, 20.0793, 32.4994

Tritanomaly

19.6364, 20.0821, 28.0406

Monochromacy



Original Color

20.5309, 20.0793, 32.4994

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.8930, 20.4497, 25.8204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5309, 20.0793, 32.4994 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(122, 121, 152)` looks like.

```
.text, #text, p{  
    color:rgb(122, 121, 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(122, 121, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 121, 152) }
```

Border

The CSS property to change the border of an element to XYZ 20.5309, 20.0793, 32.4994 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(122, 121, 152) }
```


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

```
.border{ border-color:rgb(122, 121, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 121, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 121, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 121, 152);  
box-shadow:4px 4px 4px 4px rgb(122, 121,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5309, 20.0793, 32.4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 121, 152) }
```

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

```
.background{ background-color: rgb(122,  
121, 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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