

Converting Colors

XYZ(20.9617, 20.4348, 32.0146)

Have a look what the booklet for
XYZ(20.9617, 20.4348, 32.0146)
contains.

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Color

**XYZ(21.0029, 20.5134,
32.1307)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7A97
RGB	125, 122, 151
RGB Percent	49%, 48%, 59%
CMY	0.5098, 0.5216, 0.4078
CMYK	0.17, 0.19, 0.00, 0.41
HSL	246°, 12%, 54%
HSV	246°, 19%, 59%
XYZ	21.0029, 20.5134, 32.1307
YIQ	126.2030, -7.5210, 9.6550

Conversions

Conversions Part 2

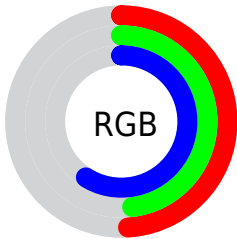
Format	Color
R_{YB}	125, 122, 151
Decimal	8223383
CIE Lab	52.41, 7.40, -15.20
CIE LCh	52, 16.906, 295.967
Yxy	20.5134, 0.2852, 0.2785
Android (android.graphics.Color)	4286413463 (0xFF7D7A97)
YUV	126.2030, 12.2249, -1.0550
Hunter-Lab	45.2917, 3.5144, -10.3571

Details

The XYZ color **21.0029, 20.5134, 32.1307** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.7929, 29.8348, 22.7598**, and the grayscale version is **19.8623, 20.8967, 22.7565**.

A 20% lighter version of the original color is **44.5156, 44.1449, 63.9322**, and **7.6633, 7.2217, 13.0466** is the 20% darker color. If you saturate the color by 10%, you get **17.4475, 16.1391, 31.4741**, and if you desaturate by 10%, it is **25.1171, 25.6044, 32.8969**.

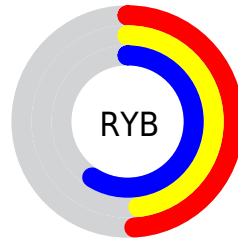
Distribution



Red (49%)

Green (48%)

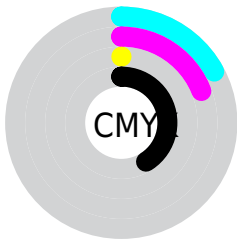
Blue (59%)



Red (49%)

Yellow (48%)

Blue (59%)

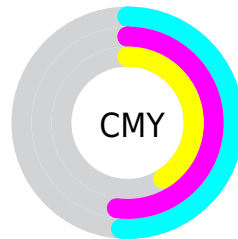


Cyan (17%)

Magenta (19%)

Yellow (0%)

Black (41%)



Cyan (51%)

Magenta (52%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0029, 20.5134, 32.1307 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 21.0029, 20.5134, 32.1307 by changing the saturation by 10% instead.

■ 21.0029, 20.5134,
32.1307

■ 21.0029, 20.5134,
32.1307

250.0253,
254.6811, 326.2253

■ 13.2386, 12.7688,
21.1957

■ 44.5836, 44.2763,
64.1162

■ 7.6712, 7.2695,
13.0745

■ 61.1307, 61.0633,
86.0038

■ 3.9353, 3.6312,
7.3485

■ 81.3361, 81.6333,
112.3794

■ 1.6656, 1.4695,
3.5993

105.5652,
106.3706, 143.6614

■ 0.4346, 0.2671,
1.4082

134.1833,
135.6597, 180.2685

■ 0.0000, 0.0000,
0.1481

167.5558,

■ 0.0000, 0.0000,

169.8848, 222.6191

0.0000

206.0480,
209.4305, 271.1319

■ 21.0029, 20.5134,
32.1307

■ 21.0029, 20.5134,
32.1307

■ 17.4475, 16.1391,
31.4741

■ 25.1171, 25.6044,
32.8969

■ 14.4249, 12.4470,
30.9208

■ 29.8108, 31.4398,
33.7758

■ 11.9099, 9.4033,
30.4658

■ 35.1060, 38.0487,
34.7724

■ 9.8744, 6.9704,
30.1035

■ 41.0231, 45.4579,
35.8906

■ 8.2877, 5.1068,
29.8274

■ 47.5812, 53.6932,
37.1345

■ 7.1154, 3.7659,
29.6304

■ 54.7989, 62.7787,
38.5078

■ 6.3180, 2.8935,
29.5040

■ 62.6939, 72.7381,
40.0141

■ 5.8247, 2.3769,
29.4303

■ 71.2834, 83.5939,
41.6567

■ 5.7932, 2.3412,
29.4251

■ 79.6503, 93.5010,
43.1280

Harmonies

Analogous

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



19.2625, 20.5134, 33.3511



21.0029, 20.5134, 32.1307



22.4106, 20.5134, 28.1535

Triad

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



21.0029, 20.5134, 32.1307



21.4351, 20.5134, 15.2844



16.3398, 20.5134, 21.6669

Complementary

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



21.0029, 20.5134, 32.1307



26.7929, 29.8348, 22.7598

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.



16.8482, 20.5134, 17.3801



21.0029, 20.5134, 32.1307



19.7342, 20.5134, 14.0597

Square

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



21.0029, 20.5134, 32.1307



22.6704, 20.5134, 18.3887



18.0656, 20.5134, 14.7659



16.6351, 20.5134, 26.8103

Rectangle

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



21.0029, 20.5134, 32.1307



22.9351, 20.5134, 24.7463



18.0656, 20.5134, 14.7659



16.4215, 20.5134, 20.0868

Sweetspot

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



21.0035, 20.5142, 32.1312



47.4607, 48.9318, 59.3770



24.2182, 27.5837, 33.3263



10.6786, 10.9867, 13.4753



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.



21.0035, 20.5142, 32.1312



34.7840, 33.2497, 57.0182



23.2605, 21.6778, 32.2368



5.9408, 6.0554, 7.7847



4.9411, 1.9983, 25.0330



0.0875, 0.0369, 0.3749

Inverse Universe

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



25.0680, 22.6373, 31.0661



43.4322, 37.7686, 54.6843



24.3480, 28.5744, 22.6454



6.4337, 6.3126, 7.6639



14.6069, 7.0970, 20.2530



0.2253, 0.1089, 0.3390

Previews

White Background



This preview shows how the XYZ color 21.0029, 20.5134, 32.1307 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 21.0029, 20.5134, 32.1307 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 21.0029, 20.5134, 32.1307

Background



This preview shows how black text looks on a background with the XYZ color 21.0029, 20.5134, 32.1307.



This preview shows how white text looks on a background with the XYZ color 21.0029, 20.5134,

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

21.0029, 20.5134, 32.1307

Protanopia

20.4829, 20.6042, 32.6032

Deuteranopia

20.8576, 20.4385, 32.1239



Tritanopia

19.7328, 20.5541, 25.8490

Trichromacy



Original Color

21.0029, 20.5134, 32.1307

Protanomaly

20.6356, 20.4979, 32.5746

Deuteranomaly

20.8576, 20.4385, 32.1239

Tritanomaly

20.1837, 20.5493, 28.1019

Monochromacy



Original Color

21.0029, 20.5134, 32.1307

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.3110, 20.8521, 25.8760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0029, 20.5134, 32.1307 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(125, 122, 151)` looks like.

```
.text, #text, p{  
    color:rgb(125, 122, 151)  
}
```

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(125, 122, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 122, 151) }
```

Border

The CSS property to change the border of an element to XYZ 21.0029, 20.5134, 32.1307 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(125, 122, 151) }
```


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

```
.border{ border-color:rgb(125, 122, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 122, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 122, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 122, 151);  
box-shadow:4px 4px 4px 4px rgb(125, 122,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0029, 20.5134, 32.1307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 122, 151) }
```

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

```
.background{ background-color: rgb(125,  
122, 151) }
```

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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