

Converting Colors

XYZ(21.4149, 21.0752, 33.0762)

Have a look what the booklet for
XYZ(21.4149, 21.0752, 33.0762)
contains.

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Color

**XYZ(21.4149, 21.0752,
33.0762)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7C99
RGB	125, 124, 153
RGB Percent	49%, 49%, 60%
CMY	0.5098, 0.5137, 0.4000
CMYK	0.18, 0.19, 0.00, 0.40
HSL	242°, 12%, 54%
HSV	242°, 19%, 60%
XYZ	21.4149, 21.0752, 33.0762
YIQ	127.6050, -8.7130, 9.2310

Conversions

Conversions Part 2

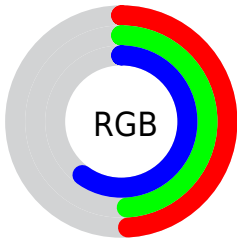
Format	Color
RYB	125, 124, 153
Decimal	8223897
CIELab	53.03, 6.70, -15.43
CIElCh	53, 16.818, 293.472
Yxy	21.0752, 0.2834, 0.2789
Android (android.graphics.Color)	4286413977 (0xFF7D7C99)
YUV	127.6050, 12.5197, -2.2846
Hunter-Lab	45.9077, 2.9276, -10.5826

Details

The XYZ color **21.4149, 21.0752, 33.0762** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **27.9788, 30.9136, 23.5620**, and the grayscale version is **20.3420, 21.4013, 23.3060**.

A 20% lighter version of the original color is **45.1479, 45.0206, 65.3418**, and **7.8948, 7.5280, 13.6073** is the 20% darker color. If you saturate the color by 10%, you get **17.6457, 16.5036, 32.3928**, and if you desaturate by 10%, it is **25.8037, 26.4089, 33.8747**.

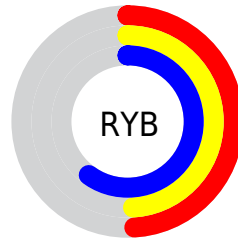
Distribution



Red (49%)

Green (49%)

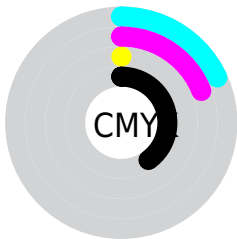
Blue (60%)



Red (49%)

Yellow (49%)

Blue (60%)

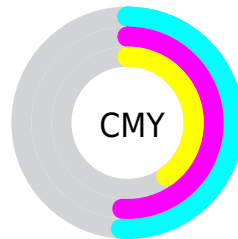


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (51%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4149, 21.0752, 33.0762 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 21.4149, 21.0752, 33.0762 by changing the saturation by 10% instead.

■ 21.4149, 21.0752,
33.0762

■ 21.4149, 21.0752,
33.0762

252.1655,
257.6779, 330.6355

■ 13.5418, 13.1790,
21.9132

■ 45.2631, 45.2127,
65.6119

■ 7.8822, 7.5519,
13.5954

■ 61.9690, 62.2227,
87.8216

■ 4.0709, 3.8096,
7.7043

■ 82.3497, 83.0394,
114.5508

■ 1.7423, 1.5676,
3.8213

106.7709,
108.0473, 146.2178

■ 0.4825, 0.3356,
1.5278

135.5976,
137.6307, 183.2412

■ 0.0000, 0.0000,
0.2385

169.1954,

■ 0.0000, 0.0000,

172.1740, 226.0396

0.0000

207.9296,
212.0616, 275.0315

■ 21.4149, 21.0752,
33.0762

■ 21.4149, 21.0752,
33.0762

■ 17.6457, 16.5036,
32.3928

■ 25.8037, 26.4089,
33.8747

■ 14.4664, 12.6569,
31.8179

■ 30.8361, 32.5346,
34.7919

■ 11.8477, 9.4987,
31.3463

■ 36.5375, 39.4836,
35.8327

■ 9.7571, 6.9882,
30.9719

■ 42.9310, 47.2848,
37.0015

■ 8.1587, 5.0807,
30.6880

■ 50.0387, 55.9659,
38.3025

■ 7.0121, 3.7255,
30.4868

■ 57.8818, 65.5529,
39.7396

■ 6.2707, 2.8638,
30.3596

■ 66.4807, 76.0712,
41.3166

■ 5.8526, 2.3787,
30.2880

■ 75.8547, 87.5449,
43.0372

■ 5.8158, 2.3339,
30.2813

■ 82.7498, 95.0799,
44.1282

Harmonies

Analogous

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



19.6477, 21.0752, 34.0319



21.4149, 21.0752, 33.0762



22.8865, 21.0752, 29.2378

Triad

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



21.4149, 21.0752, 33.0762



22.1218, 21.0752, 15.9846



16.8428, 21.0752, 21.8592

Complementary

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



21.4149, 21.0752, 33.0762



27.9788, 30.9136, 23.5620

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.



17.4241, 21.0752, 17.6308



21.4149, 21.0752, 33.0762



20.4200, 21.0752, 14.5762

Square

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



21.4149, 21.0752, 33.0762



23.3111, 21.0752, 19.2868



18.7087, 21.0752, 15.1313



17.0746, 21.0752, 27.0440

Rectangle

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



21.4149, 21.0752, 33.0762



23.4672, 21.0752, 25.8273



18.7087, 21.0752, 15.1313



16.9484, 21.0752, 20.2898

Sweetspot

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



21.4156, 21.0761, 33.0767



48.6462, 50.2575, 61.1087



25.2962, 29.0528, 34.4118



10.6301, 10.9617, 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.



21.4156, 21.0761, 33.0767



35.1791, 33.8932, 58.6599



23.6837, 22.2453, 33.1828



5.9032, 6.0360, 7.7829



4.8126, 1.9320, 25.0270



0.0765, 0.0313, 0.3744

Inverse Universe

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



26.0127, 23.4554, 32.8628



45.0582, 39.0071, 58.1725



25.4341, 29.6017, 23.4429



6.4520, 6.3200, 7.7605



15.2601, 7.3583, 23.6923



0.2306, 0.1110, 0.3671

Previews

White Background



This preview shows how the XYZ color 21.4149, 21.0752, 33.0762 looks on a white background.

Color Contrast Check

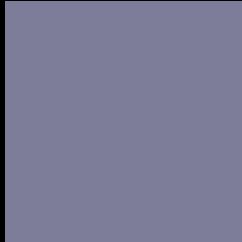
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4149, 21.0752, 33.0762 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 21.4149, 21.0752, 33.0762

Background



This preview shows how black text looks on a background with the XYZ color 21.4149, 21.0752, 33.0762.



This preview shows how white text looks on a background with the XYZ color 21.4149, 21.0752,

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

21.4149, 21.0752, 33.0762

Protanopia

20.9121, 20.9934, 33.5218

Deuteranopia

21.5616, 21.1508, 33.0831



Tritanopia

20.1308, 21.1225, 26.6829

Trichromacy



Original Color

21.4149, 21.0752, 33.0762

Protanomaly

21.1924, 21.1379, 33.5349

Deuteranomaly

21.5616, 21.1508, 33.0831

Tritanomaly

20.5872, 21.1158, 28.9773

Monochromacy



Original Color

21.4149, 21.0752, 33.0762

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 21.4149, 21.0752, 33.0762 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, 124, 153)` looks like.

```
.text, #text, p{  
    color:rgb(125, 124, 153)  
}
```

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, 124, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 124, 153) }
```

Border

The CSS property to change the border of an element to XYZ 21.4149, 21.0752, 33.0762 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, 124, 153) }
```


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

```
.border{ border-color:rgb(125, 124, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 124, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 124, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 124, 153);  
box-shadow:4px 4px 4px 4px rgb(125, 124,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4149, 21.0752, 33.0762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 124, 153) }
```

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

```
.background{ background-color: rgb(125,  
124, 153) }
```

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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