

Converting Colors

XYZ(21.2835, 20.5833, 29.8356)

Have a look what the booklet for
XYZ(21.2835, 20.5833, 29.8356)
contains.

XYZ(21.1541, 20.4649, 29.6232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.1541, 20.4649,
29.6232)**

Conversions

Conversions Part 1

Format	Color
Hex	827991
RGB	130, 121, 145
RGB Percent	51%, 47%, 57%
CMY	0.4902, 0.5255, 0.4314
CMYK	0.10, 0.17, 0.00, 0.43
HSL	262°, 10%, 52%
HSV	262°, 17%, 57%
XYZ	21.1541, 20.4649, 29.6232
YIQ	126.4270, -2.3400, 9.3720

Conversions

Conversions Part 2

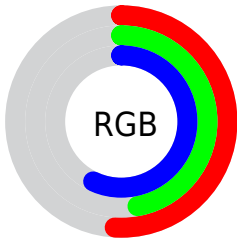
Format	Color
R_{YB}	130, 121, 145
Decimal	8550801
CIE Lab	52.36, 8.36, -11.73
CIE LCh	52, 14.407, 305.463
Yxy	20.4649, 0.2969, 0.2873
Android (android.graphics.Color)	4286740881 (0xFF827991)
YUV	126.4270, 9.1565, 3.1335
Hunter-Lab	45.2381, 4.3028, -7.1580

Details

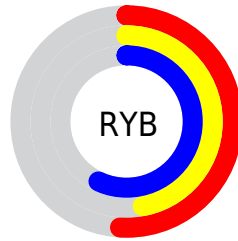
The XYZ color **21.1541, 20.4649, 29.6232** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.7307, 26.8660, 22.0251**, and the grayscale version is **19.9475, 20.9863, 22.8541**.

A 20% lighter version of the original color is **44.7808, 44.0779, 60.1805**, and **7.7763, 7.2103, 11.8083** is the 20% darker color. If you saturate the color by 10%, you get **18.1934, 16.5169, 29.0175**, and if you desaturate by 10%, it is **24.5034, 25.0075, 30.3238**.

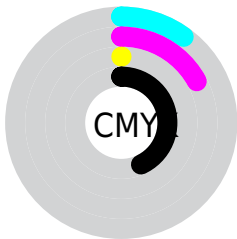
Distribution



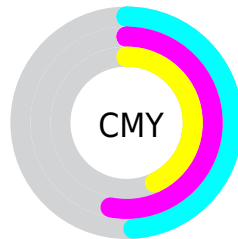
- Red (51%)
- Green (47%)
- Blue (57%)



- Red (51%)
- Yellow (47%)
- Blue (57%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (43%)



- Cyan (49%)
- Magenta (53%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1541, 20.4649, 29.6232 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 21.1541, 20.4649, 29.6232 by changing the saturation by 10% instead.

■ 21.1541, 20.4649,
29.6232

■ 21.1541, 20.4649,
29.6232

250.8126,
254.4209, 314.2966

■ 13.3498, 12.7334,
19.3031

■ 44.8332, 44.1953,
60.1197

■ 7.7485, 7.2452,
11.7105

■ 61.4387, 60.9629,
81.1333

■ 3.9849, 3.6159,
6.4267

■ 81.7087, 81.5115,
106.5484

■ 1.6936, 1.4611,
3.0333

106.0084,
106.2253, 136.7836

■ 0.4523, 0.2611,
1.1117

134.7033,
135.4887, 172.2575

■ 0.0000, 0.0000,
0.0000

168.1588,

169.6862, 213.3886

206.7400,
209.2021, 260.5955

■ 21.1541, 20.4649,
29.6232

■ 21.1541, 20.4649,
29.6232

■ 18.1934, 16.5169,
29.0175

■ 24.5034, 25.0075,
30.3238

■ 15.6044, 13.1357,
28.5013

■ 28.2536, 30.1659,
31.1218

■ 13.3720, 10.2952,
28.0707

■ 32.4185, 35.9631,
32.0213

■ 11.4789, 7.9661,
27.7209

■ 37.0108, 42.4204,
33.0256

■ 9.9063, 6.1162,
27.4468

■ 42.0428, 49.5579,
34.1381

8.6335, 4.7096,
27.2423

47.5260, 57.3952,
35.3618

7.6370, 3.7050,
27.1010

53.4717, 65.9506,
36.6998

6.8809, 3.0374,
27.0120

59.8906, 75.2422,
38.1550

6.6521, 2.8389,
26.9857

66.7932, 85.2870,
39.7300

Harmonies

Analogous

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



19.7242, 20.4649, 31.4473



21.1541, 20.4649, 29.6232



22.1641, 20.4649, 25.8515

Triad

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



21.1541, 20.4649, 29.6232



20.6604, 20.4649, 15.6451



16.7469, 20.4649, 23.0698

Complementary

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



21.1541, 20.4649, 29.6232



23.7307, 26.8660, 22.0251

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.



16.9694, 20.4649, 19.0586



21.1541, 20.4649, 29.6232



19.1809, 20.4649, 15.0980

Square

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



21.1541, 20.4649, 29.6232



21.8690, 20.4649, 17.8701



17.8424, 20.4649, 16.2677



17.2186, 20.4649, 27.3680

Rectangle

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



21.1541, 20.4649, 29.6232



22.4365, 20.4649, 22.9355



17.8424, 20.4649, 16.2677



16.7433, 20.4649, 21.6426

Sweetspot

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



21.1547, 20.4658, 29.6237



44.8076, 46.0507, 54.5006



21.8291, 23.7747, 30.2268



9.8785, 10.1221, 12.1053



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.1547, 20.4658, 29.6237



35.7530, 33.7927, 52.6118



23.0698, 21.4530, 29.7133



5.3087, 5.3473, 6.7811



5.7327, 2.4489, 23.1476



0.0778, 0.0353, 0.2224

Inverse Universe

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



22.9590, 21.4729, 26.2282



39.6657, 35.9783, 45.1796



21.9184, 25.9318, 21.9403



5.5417, 5.4772, 6.3503



11.6347, 5.8109, 8.9937



0.1220, 0.0598, 0.1424

Previews

White Background



This preview shows how the XYZ color 21.1541, 20.4649, 29.6232 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 21.1541, 20.4649, 29.6232 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 21.1541, 20.4649, 29.6232

Background



This preview shows how black text looks on a background with the XYZ color 21.1541, 20.4649, 29.6232.



This preview shows how white text looks on a background with the XYZ color 21.1541, 20.4649,

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

21.1541, 20.4649, 29.6232

Protanopia

20.2198, 20.5150, 30.4978

Deuteranopia

20.9725, 20.5526, 29.6497



Tritanopia

20.2187, 20.4486, 25.0716

Trichromacy



Original Color

21.1541, 20.4649, 29.6232

Protanomaly

20.5834, 20.5263, 30.0712

Deuteranomaly

21.1236, 20.6305, 29.6568

Tritanomaly

20.5282, 20.3923, 26.5211

Monochromacy



Original Color

21.1541, 20.4649, 29.6232

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1937, 20.6208, 25.1062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1541, 20.4649, 29.6232 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(130, 121, 145)` looks like.

```
.text, #text, p{  
    color:rgb(130, 121, 145)  
}
```

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(130, 121, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 121, 145) }
```

Border

The CSS property to change the border of an element to XYZ 21.1541, 20.4649, 29.6232 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(130, 121, 145) }
```


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

```
.border{ border-color:rgb(130, 121, 145) }
```

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

Here you see how a box with a 4 pixel rgb(130, 121, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 121, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 121, 145);  
box-shadow:4px 4px 4px 4px rgb(130, 121,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1541, 20.4649, 29.6232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 121, 145) }
```

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

```
.background{ background-color: rgb(130,  
121, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor