

Converting Colors

XYZ(21.3634, 20.8059, 29.8616)

Have a look what the booklet for
XYZ(21.3634, 20.8059, 29.8616)
contains.

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Color

**XYZ(21.2763, 20.7092,
29.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	827A91
RGB	130, 122, 145
RGB Percent	51%, 48%, 57%
CMY	0.4902, 0.5216, 0.4314
CMYK	0.10, 0.16, 0.00, 0.43
HSL	261°, 9%, 52%
HSV	261°, 16%, 57%
XYZ	21.2763, 20.7092, 29.6640
YIQ	127.0140, -2.6150, 8.8490

Conversions

Conversions Part 2

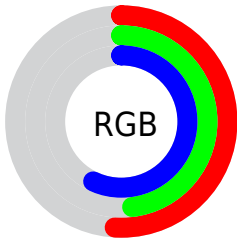
Format	Color
R_{YB}	130, 122, 145
Decimal	8551057
CIE Lab	52.63, 7.77, -11.33
CIE LCh	53, 13.738, 304.460
Yxy	20.7092, 0.2969, 0.2890
Android (android.graphics.Color)	4286741137 (0xFF827A91)
YUV	127.0140, 8.8671, 2.6187
Hunter-Lab	45.5074, 3.8172, -6.7931

Details

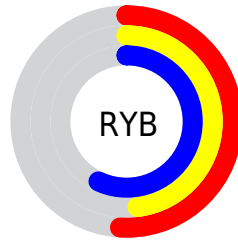
The XYZ color **21.2763, 20.7092, 29.6640** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.9555, 26.9748, 22.3574**, and the grayscale version is **20.1493, 21.1986, 23.0853**.

A 20% lighter version of the original color is **44.9733, 44.4629, 60.2447**, and **7.8414, 7.3406, 11.8301** is the 20% darker color. If you saturate the color by 10%, you get **18.2426, 16.6970, 29.0498**, and if you desaturate by 10%, it is **24.7103, 25.3232, 30.3739**.

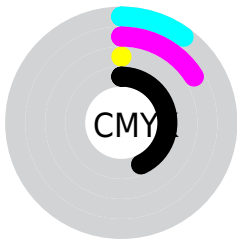
Distribution



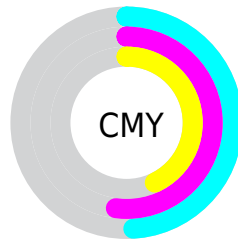
- Red (51%)
- Green (48%)
- Blue (57%)



- Red (51%)
- Yellow (48%)
- Blue (57%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (43%)



- Cyan (49%)
- Magenta (52%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2763, 20.7092, 29.6640 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 21.2763, 20.7092, 29.6640 by changing the saturation by 10% instead.

■ 21.2763, 20.7092,
29.6640

■ 21.2763, 20.7092,
29.6640

251.4473,
255.7290, 314.4935

■ 13.4397, 12.9116,
19.3338

■ 45.0347, 44.6031,
60.1851

■ 7.8111, 7.3677,
11.7325

■ 61.6873, 61.4681,
81.2131

■ 4.0251, 3.6931,
6.4415

■ 82.0093, 82.1244,
106.6442

■ 1.7164, 1.5034,
3.0422

106.3660,
106.9564, 136.8968

■ 0.4665, 0.2911,
1.1162

135.1228,
136.3485, 172.3894

■ 0.0000, 0.0000,
0.0000

168.6450,

170.6850, 213.5408

207.2981,
210.3504, 260.7693

■ 21.2763, 20.7092,
29.6640

■ 21.2763, 20.7092,
29.6640

■ 18.2426, 16.6970,
29.0498

■ 24.7103, 25.3232,
30.3739

■ 15.5920, 13.2587,
28.5258

■ 28.5570, 30.5602,
31.1820

■ 13.3088, 10.3681,
28.0882

■ 32.8309, 36.4434,
32.0923

■ 11.3754, 7.9957,
27.7322

■ 37.5450, 42.9943,
33.1083

■ 9.7726, 6.1094,
27.4526

■ 42.7117, 50.2332,
34.2333

8.4793, 4.6732,
27.2435

48.3431, 58.1795,
35.4702

7.4715, 3.6459,
27.0984

54.4505, 66.8519,
36.8223

6.7160, 2.9685,
27.0074

61.0452, 76.2684,
38.2923

6.4476, 2.7335,
26.9762

68.1378, 86.4464,
39.8830

Harmonies

Analogous

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



19.8975, 20.7092, 31.3200



21.2763, 20.7092, 29.6640



22.2629, 20.7092, 26.1071

Triad

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



21.2763, 20.7092, 29.6640



20.8896, 20.7092, 16.1789



17.0741, 20.7092, 23.1651

Complementary

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



21.2763, 20.7092, 29.6640



23.9555, 26.9748, 22.3574

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.



17.3114, 20.7092, 19.3294



21.2763, 20.7092, 29.6640



19.4710, 20.7092, 15.5902

Square

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



21.2763, 20.7092, 29.6640



22.0322, 20.7092, 18.3904



18.1722, 20.7092, 16.6734



17.5079, 20.7092, 27.2911

Rectangle

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



21.2763, 20.7092, 29.6640



22.5411, 20.7092, 23.3155



18.1722, 20.7092, 16.6734



17.0782, 20.7092, 21.7991

Sweetspot

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



21.2769, 20.7101, 29.6645



44.7467, 46.0194, 54.4978



22.1307, 24.1688, 30.2871



9.8634, 10.1144, 12.1046



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.



21.2769, 20.7101, 29.6645



36.1019, 34.4268, 52.7158



23.0839, 21.6416, 29.7490



5.2955, 5.3405, 6.7805



5.5562, 2.3579, 23.1394



0.0752, 0.0339, 0.2223

Inverse Universe

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



23.1526, 21.7458, 26.6449



40.1374, 36.6566, 46.1540



22.2186, 26.0794, 22.2761



5.5477, 5.4796, 6.3820



11.7833, 5.8703, 9.7762



0.1231, 0.0603, 0.1484

Previews

White Background



This preview shows how the XYZ color 21.2763, 20.7092, 29.6640 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 21.2763, 20.7092, 29.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

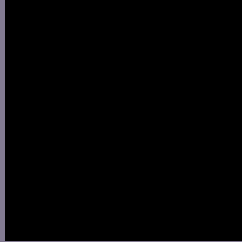
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2763, 20.7092, 29.6640

Background



This preview shows how black text looks on a background with the XYZ color 21.2763, 20.7092, 29.6640.



This preview shows how white text looks on a background with the XYZ color 21.2763, 20.7092,

29.6640.

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

21.2763, 20.7092, 29.6640

Protanopia

20.4852, 20.8388, 30.5464

Deuteranopia

21.1236, 20.6305, 29.6568



Tritanopia

20.4128, 20.7257, 25.4789

Trichromacy



Original Color

21.2763, 20.7092, 29.6640

Protanomaly

20.7081, 20.7757, 30.1128

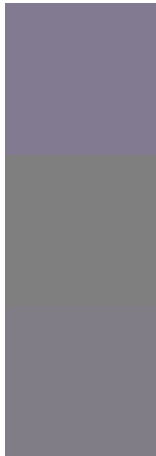
Deuteranomaly

21.1236, 20.6305, 29.6568

Tritanomaly

20.7237, 20.6680, 26.9418

Monochromacy



Original Color

21.2763, 20.7092, 29.6640

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.5388, 20.9777, 25.5208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2763, 20.7092, 29.6640 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, 122, 145)` looks like.

```
.text, #text, p{  
    color:rgb(130, 122, 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, 122, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 122, 145) }
```

Border

The CSS property to change the border of an element to XYZ 21.2763, 20.7092, 29.6640 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, 122, 145) }
```


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

```
.border{ border-color:rgb(130, 122, 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, 122, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 122, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 122, 145);  
box-shadow:4px 4px 4px 4px rgb(130, 122,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2763, 20.7092, 29.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 122, 145) }
```

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

```
.background{ background-color: rgb(130,  
122, 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](#).

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