

Converting Colors

XYZ(20.8405, 20.8420, 27.4325)

Have a look what the booklet for
XYZ(20.8405, 20.8420, 27.4325)
contains.

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Color

**XYZ(20.9211, 20.9465,
27.3665)**

Conversions

Conversions Part 1

Format	Color
Hex	817C8B
RGB	129, 124, 139
RGB Percent	51%, 49%, 55%
CMY	0.4941, 0.5137, 0.4549
CMYK	0.07, 0.11, 0.00, 0.45
HSL	260°, 6%, 52%
HSV	260°, 11%, 55%
XYZ	20.9211, 20.9465, 27.3665
YIQ	127.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

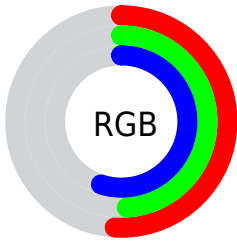
Format	Color
R_{YB}	129, 124, 139
Decimal	8486027
CIE _{Lab}	52.89, 4.95, -7.44
CIE _{LCh}	53, 8.935, 303.633
Yxy	20.9465, 0.3022, 0.3025
Android (android.graphics.Color)	4286676107 (0xFF817C8B)
YUV	127.2050, 5.8149, 1.5742
Hunter-Lab	45.7673, 1.5028, -3.4152

Details

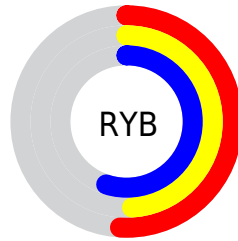
The XYZ color **20.9211, 20.9465, 27.3665** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.7030, 24.9893, 22.6967**, and the grayscale version is **20.2248, 21.2781, 23.1718**.

A 20% lighter version of the original color is **44.3312, 44.8015, 56.1802**, and **7.6275, 7.4589, 10.4889** is the 20% darker color. If you saturate the color by 10%, you get **17.9561, 17.0122, 26.7637**, and if you desaturate by 10%, it is **24.2606, 25.4395, 28.0581**.

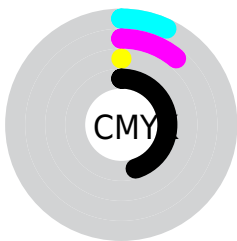
Distribution



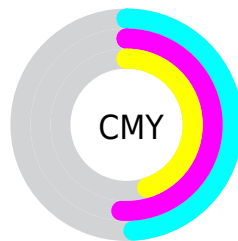
- Red (51%)
- Green (49%)
- Blue (55%)



- Red (51%)
- Yellow (49%)
- Blue (55%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9211, 20.9465, 27.3665 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 20.9211, 20.9465, 27.3665 by changing the saturation by 10% instead.

■ 20.9211, 20.9465,
27.3665

■ 20.9211, 20.9465,
27.3665

249.5985,
256.9940, 303.2434

■ 13.1785, 13.0849,
17.6138

■ 44.4485, 44.9985,
56.4823

■ 7.6294, 7.4870,
10.5065

■ 60.9639, 61.9576,
76.6825

■ 3.9085, 3.7685,
5.6261

■ 81.1343, 82.7181,
101.2022

■ 1.6505, 1.5449,
2.5540

105.3251,
107.6643, 130.4601

■ 0.4250, 0.3200,
0.8686

133.9015,
137.1806, 164.8746

■ 0.0000, 0.0000,
0.0000

167.2290,

171.6514, 204.8643

205.6729,
211.4611, 250.8477

■ 20.9211, 20.9465,
27.3665

■ 20.9211, 20.9465,
27.3665

■ 17.9561, 17.0122,
26.7637

■ 24.2606, 25.4395,
28.0581

■ 15.3501, 13.6118,
26.2447

■ 27.9857, 30.5095,
28.8403

■ 13.0894, 10.7226,
25.8062

■ 32.1091, 36.1773,
29.7170

■ 11.1584, 8.3189,
25.4440

■ 36.6427, 42.4615,
30.6910

■ 9.5405, 6.3731,
25.1537

■ 41.5974, 49.3804,
31.7654

8.2171, 4.8545,
24.9303

46.9842, 56.9512,
32.9428

7.1680, 3.7286,
24.7683

52.8133, 65.1904,
34.2259

6.3695, 2.9552,
24.6611

59.0948, 74.1142,
35.6173

5.8015, 2.4525,
24.5940

65.8383, 83.7380,
37.1194

Harmonies

Analogous

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



20.0231, 20.9465, 28.3390



20.9211, 20.9465, 27.3665



21.5630, 20.9465, 25.1702

Triad

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



20.9211, 20.9465, 27.3665



20.7179, 20.9465, 18.4995



18.1688, 20.9465, 23.1349

Complementary

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



20.9211, 20.9465, 27.3665



22.7030, 24.9893, 22.6967

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.



18.3418, 20.9465, 20.5969



20.9211, 20.9465, 27.3665



19.7954, 20.9465, 18.0466

Square

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



20.9211, 20.9465, 27.3665



21.4431, 20.9465, 20.0736



18.9301, 20.9465, 18.7846



18.4499, 20.9465, 25.7784

Rectangle

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



20.9211, 20.9465, 27.3665



21.7490, 20.9465, 23.3827



18.9301, 20.9465, 18.7846



18.1758, 20.9465, 22.2412

Sweetspot

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



20.9217, 20.9474, 27.3670



42.0255, 43.6370, 49.9508



21.5328, 23.2692, 27.7829



9.5769, 9.9110, 11.4877



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.9217, 20.9474, 27.3670



36.0811, 35.6640, 48.7251



22.0625, 21.5355, 27.4203



4.9215, 4.9680, 6.3054



5.2529, 2.2221, 22.1977



0.0492, 0.0221, 0.1481

Inverse Universe

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



22.1589, 21.6264, 25.5617



38.7746, 37.1430, 44.7656



21.5866, 24.4138, 22.6444



5.1642, 5.1011, 5.9530



11.3884, 5.6655, 9.8153



0.0825, 0.0404, 0.1011

Previews

White Background



This preview shows how the XYZ color 20.9211, 20.9465, 27.3665 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 20.9211, 20.9465, 27.3665 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 20.9211, 20.9465, 27.3665

Background



This preview shows how black text looks on a background with the XYZ color 20.9211, 20.9465, 27.3665.



This preview shows how white text looks on a background with the XYZ color 20.9211, 20.9465,

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

20.9211, 20.9465, 27.3665

Protanopia

20.3794, 20.8458, 27.7605

Deuteranopia

21.2589, 20.9355, 27.3466



Tritanopia

20.6089, 21.0057, 25.8900

Trichromacy



Original Color

20.9211, 20.9465, 27.3665

Protanomaly

20.6714, 20.9963, 27.7741

Deuteranomaly

21.1032, 20.8553, 27.3393

Tritanomaly

20.6796, 21.0340, 26.2626

Monochromacy



Original Color

20.9211, 20.9465, 27.3665

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.4597, 21.1496, 24.4767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9211, 20.9465, 27.3665 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(129, 124, 139)` looks like.

```
.text, #text, p{  
    color:rgb(129, 124, 139)  
}
```

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(129, 124, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 124, 139) }
```

Border

The CSS property to change the border of an element to XYZ 20.9211, 20.9465, 27.3665 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(129, 124, 139) }
```


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

```
.border{ border-color:rgb(129, 124, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 124, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 124, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 124, 139);  
box-shadow:4px 4px 4px 4px rgb(129, 124,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9211, 20.9465, 27.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 124, 139) }
```

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

```
.background{ background-color: rgb(129,  
124, 139) }
```

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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