

Converting Colors

XYZ(21.9321, 21.3710, 27.5403)

Have a look what the booklet for
XYZ(21.9321, 21.3710, 27.5403)
contains.

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Color

**XYZ(21.8965, 21.2642,
27.3764)**

Conversions

Conversions Part 1

Format	Color
Hex	887B8B
RGB	136, 123, 139
RGB Percent	53%, 48%, 55%
CMY	0.4667, 0.5176, 0.4549
CMYK	0.02, 0.12, 0.00, 0.45
HSL	289°, 6%, 51%
HSV	289°, 12%, 55%
XYZ	21.8965, 21.2642, 27.3764
YIQ	128.7110, 2.6120, 7.7320

Conversions

Conversions Part 2

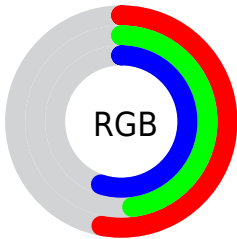
Format	Color
R_{YB}	136, 123, 139
Decimal	8944523
CIE Lab	53.24, 8.08, -6.86
CIE LCh	53, 10.594, 319.666
Yxy	21.2642, 0.3104, 0.3015
Android (android.graphics.Color)	4287134603 (0xFF887B8B)
YUV	128.7110, 5.0725, 6.3925
Hunter-Lab	46.1131, 4.0615, -2.9201

Details

The XYZ color **21.8965, 21.2642, 27.3764** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.4126, 24.3314, 22.3078**, and the grayscale version is **20.7479, 21.8284, 23.7711**.

A 20% lighter version of the original color is **45.8307, 45.2845, 56.1944**, and **8.0897, 7.5973, 10.4912** is the 20% darker color. If you saturate the color by 10%, you get **19.8752, 17.8421, 26.8227**, and if you desaturate by 10%, it is **24.1742, 25.1831, 28.0131**.

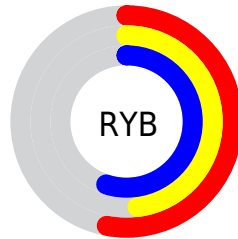
Distribution



Red (53%)

Green (48%)

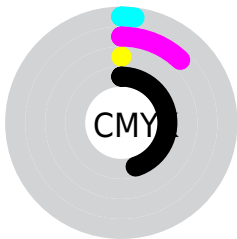
Blue (55%)



Red (53%)

Yellow (48%)

Blue (55%)

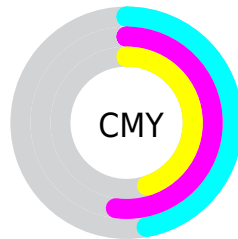


Cyan (2%)

Magenta (12%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (52%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8965, 21.2642, 27.3764 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 21.8965, 21.2642, 27.3764 by changing the saturation by 10% instead.

■ 21.8965, 21.2642,
27.3764

■ 21.8965, 21.2642,
27.3764

254.6478,
258.6793, 303.2926

■ 13.8970, 13.3173,
17.6212

■ 46.0550, 45.5268,
56.4983

■ 8.1303, 7.6474,
10.5117

■ 62.9448, 62.6113,
76.7021

■ 4.2310, 3.8702,
5.6295

■ 83.5287, 83.5104,
101.2259

■ 1.8336, 1.6012,
2.5560

108.1721,
108.6085, 130.4881

■ 0.5378, 0.3584,
0.8696

137.2403,
138.2901, 164.9074

■ 0.0000, 0.0000,
0.0000

171.0988,

172.9395, 204.9022

210.1129,
212.9411, 250.8911

■ 21.8965, 21.2642,
27.3764

■ 21.8965, 21.2642,
27.3764

■ 19.8752, 17.8421,
26.8227

■ 24.1742, 25.1831,
28.0131

■ 18.0981, 14.8936,
26.3473

■ 26.7161, 29.6155,
28.7347

■ 16.5548, 12.3974,
25.9468

■ 29.5321, 34.5805,
29.5446

■ 15.2332, 10.3299,
25.6174

■ 32.6310, 40.0957,
30.4458

■ 14.1205, 8.6651,
25.3547

■ 36.0210, 46.1775,
31.4410

■ 13.2020, 7.3741,
25.1539

■ 39.7102, 52.8419,
32.5329

■ 12.4614, 6.4244,
25.0096

■ 43.7063, 60.1041,
33.7241

■ 11.8795, 5.7774,
24.9154

■ 48.0167, 67.9789,
35.0169

■ 11.4623, 5.3707,
24.8589

■ 52.6486, 76.4805,
36.4137

Harmonies

Analogous

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



20.9440, 21.2642, 29.4564



21.8965, 21.2642, 27.3764



22.4032, 21.2642, 24.2766

Triad

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



21.8965, 21.2642, 27.3764



20.5996, 21.2642, 17.6029



18.2512, 21.2642, 25.2902

Complementary

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



21.8965, 21.2642, 27.3764



21.4126, 24.3314, 22.3078

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.



18.1666, 21.2642, 22.0648



21.8965, 21.2642, 27.3764



19.4953, 21.2642, 17.8200

Square

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



21.8965, 21.2642, 27.3764



21.6363, 21.2642, 18.7649



18.6143, 21.2642, 19.3881



18.8496, 21.2642, 28.1770

Rectangle

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



21.8965, 21.2642, 27.3764



22.4079, 21.2642, 22.1334



18.6143, 21.2642, 19.3881



18.1626, 21.2642, 24.2036

Sweetspot

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



21.8971, 21.2651, 27.3769



42.6260, 43.9466, 49.9789



20.3159, 21.0489, 27.4185



9.7487, 9.9995, 11.4957



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.



21.8971, 21.2651, 27.3769



38.1561, 36.2804, 48.7347



22.0481, 21.3826, 25.5932



5.1435, 5.0824, 6.3158



10.3585, 4.8541, 22.4367



0.0798, 0.0379, 0.1496

Inverse Universe

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



21.4970, 21.1621, 22.6912



37.2916, 36.0612, 38.4621



21.2848, 24.2299, 23.9090



5.0687, 5.0629, 5.4503



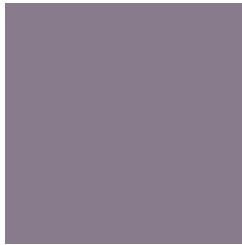
9.7838, 5.0236, 1.3659



0.0691, 0.0350, 0.0306

Previews

White Background



This preview shows how the XYZ color 21.8965, 21.2642, 27.3764 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 21.8965, 21.2642, 27.3764 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 21.8965, 21.2642, 27.3764

Background



This preview shows how black text looks on a background with the XYZ color 21.8965, 21.2642, 27.3764.



This preview shows how white text looks on a background with the XYZ color 21.8965, 21.2642,

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

21.8965, 21.2642, 27.3764

Protanopia

20.7260, 21.2048, 28.1999

Deuteranopia

21.6994, 21.3477, 27.4029



Tritanopia

21.5024, 21.2874, 25.5298

Trichromacy



Original Color

21.8965, 21.2642, 27.3764

Protanomaly

21.1205, 21.2278, 27.7951

Deuteranomaly

21.8595, 21.4303, 27.4104

Tritanomaly

21.6433, 21.3438, 26.2716

Monochromacy



Original Color

21.8965, 21.2642, 27.3764

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.3387, 21.7777, 25.2692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8965, 21.2642, 27.3764 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(136, 123, 139)` looks like.

```
.text, #text, p{  
    color:rgb(136, 123, 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(136, 123, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 123, 139) }
```

Border

The CSS property to change the border of an element to XYZ 21.8965, 21.2642, 27.3764 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(136, 123, 139) }
```


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

```
.border{ border-color:rgb(136, 123, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 123, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 123, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 123, 139);  
box-shadow:4px 4px 4px 4px rgb(136, 123,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8965, 21.2642, 27.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 123, 139) }
```

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

```
.background{ background-color: rgb(136,  
123, 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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