

Converting Colors

XYZ(21.5445, 27.4654, 21.9523)

Have a look what the booklet for
XYZ(21.5445, 27.4654, 21.9523)
contains.

XYZ(21.4285, 27.3232, 21.9138)	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(21.4285, 27.3232,
21.9138)**

Conversions

Conversions Part 1

Format	Color
Hex	719878
RGB	113, 152, 120
RGB Percent	44%, 60%, 47%
CMY	0.5569, 0.4039, 0.5294
CMYK	0.26, 0.00, 0.21, 0.40
HSL	131°, 16%, 52%
HSV	131°, 26%, 60%
XYZ	21.4285, 27.3232, 21.9138
YIQ	136.6910, -12.9720, -18.2200

Conversions

Conversions Part 2

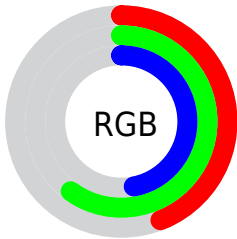
Format	Color
RYB	113, 146, 152
Decimal	7444600
CIELab	59.27, -20.14, 12.57
CIElCh	59, 23.740, 148.017
Yxy	27.3232, 0.3032, 0.3867
Android (android.graphics.Color)	4285634680 (0xFF719878)
YUV	136.6910, -8.2287, -20.7770
Hunter-Lab	52.2716, -18.3000, 11.7340

Details

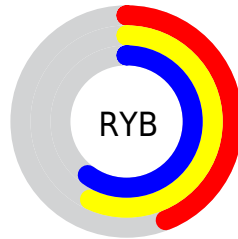
The XYZ color **21.4285, 27.3232, 21.9138** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.9659, 20.5308, 29.4891**, and the grayscale version is **23.6954, 24.9294, 27.1481**.

A 20% lighter version of the original color is **45.2436, 55.2282, 47.3052**, and **7.9054, 10.8523, 7.6393** is the 20% darker color. If you saturate the color by 10%, you get **18.9261, 26.1158, 18.0996**, and if you desaturate by 10%, it is **24.3586, 28.7412, 26.2639**.

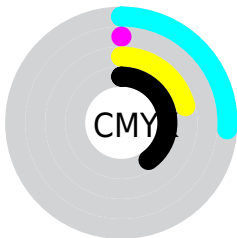
Distribution



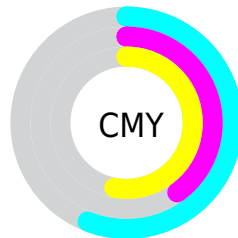
- Red (44%)
- Green (60%)
- Blue (47%)



- Red (44%)
- Yellow (57%)
- Blue (60%)



- Cyan (26%)
- Magenta (0%)
- Yellow (21%)
- Black (40%)



- Cyan (56%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4285, 27.3232, 21.9138 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 21.4285, 27.3232, 21.9138 by changing the saturation by 10% instead.

■ 21.4285, 27.3232,
21.9138

■ 21.4285, 27.3232,
21.9138

252.2359,
289.2186, 275.0346

■ 13.5518, 17.8161,
13.5959

■ 45.2855, 55.4021,
47.5038

■ 7.8892, 10.8180,
7.7046

■ 61.9966, 74.7426,
65.6130

■ 4.0754, 5.9446,
3.8215

■ 82.3831, 98.1298,
87.8231

■ 1.7449, 2.8114,
1.5279

■ 106.8105,
125.9480, 114.5525

■ 0.4841, 1.0341,
0.2386

135.6442,
158.5815, 146.2198

■ 0.0000, 0.0000,
0.0000

169.2494,

196.4149, 183.2435

207.9915,
239.8325, 226.0423

■ 21.4285, 27.3232,
21.9138

■ 21.4285, 27.3232,
21.9138

■ 18.9261, 26.1158,
18.0996

■ 24.3586, 28.7412,
26.2639

■ 16.8290, 25.1056,
14.7989

■ 27.7328, 30.3757,
31.1676

■ 15.1164, 24.2831,
11.9901

■ 31.5697, 32.2364,
36.6441

■ 13.7643, 23.6364,
9.6498

■ 35.8857, 34.3316,
42.7112

■ 12.7463, 23.1526,
7.7522

■ 40.6968, 36.6691,
49.3856

■ 12.0321, 22.8165,
6.2695

■ 46.0180, 39.2562,
56.6838

■ 11.5816, 22.6081,
5.1700

■ 51.8639, 42.1002,
64.6213

■ 11.4298, 22.5379,
4.8018

■ 58.2482, 45.2079,
73.2131

■ 65.1843, 48.5858,
82.4740

Harmonies

Analogous

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



23.3831, 27.3232, 17.5398



21.4285, 27.3232, 21.9138



20.6792, 27.3232, 29.1890

Triad

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



21.4285, 27.3232, 21.9138



25.7732, 27.3232, 49.2311



31.3344, 27.3232, 22.7215

Complementary

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



21.4285, 27.3232, 21.9138



23.9659, 20.5308, 29.4891

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.



32.0938, 27.3232, 30.3187



21.4285, 27.3232, 21.9138



28.7407, 27.3232, 46.6157

Square

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



21.4285, 27.3232, 21.9138



23.0660, 27.3232, 45.8578



31.1114, 27.3232, 39.2625



29.1078, 27.3232, 17.9399

Rectangle

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



21.4285, 27.3232, 21.9138



20.9173, 27.3232, 35.0911



31.1114, 27.3232, 39.2625



31.7769, 27.3232, 24.9809

Sweetspot

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



21.4292, 27.3244, 21.9144



47.3865, 52.8566, 52.7566



25.9753, 29.7152, 19.9899



10.5739, 11.9184, 11.7064



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.



21.4292, 27.3244, 21.9144



35.1082, 46.9168, 34.5653



22.6994, 27.8324, 28.6029



6.1752, 6.9428, 6.8459



9.5920, 18.9002, 4.0720



0.1533, 0.2865, 0.1129

Inverse Universe

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



23.9659, 20.5308, 29.4891



40.3894, 32.7662, 50.3307



22.6208, 19.9927, 22.4061



6.4136, 6.3046, 7.5583



13.9565, 6.8368, 16.8276



0.2197, 0.1066, 0.3095

Previews

White Background



This preview shows how the XYZ color 21.4285, 27.3232, 21.9138 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 21.4285, 27.3232, 21.9138 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 21.4285, 27.3232, 21.9138

Background



This preview shows how black text looks on a background with the XYZ color 21.4285, 27.3232, 21.9138.



This preview shows how white text looks on a background with the XYZ color 21.4285, 27.3232,

21.9138.

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

21.4285, 27.3232, 21.9138

Protanopia

25.5300, 27.1631, 20.1171

Deuteranopia

27.6251, 27.1079, 22.5152



Tritanopia

24.4375, 27.3637, 36.7946

Trichromacy



Original Color

21.4285, 27.3232, 21.9138

Protanomaly

23.8063, 27.1605, 20.8174

Deuteranomaly

24.8629, 26.7709, 22.2692

Tritanomaly

23.1944, 27.3211, 30.8391

Monochromacy



Original Color

21.4285, 27.3232, 21.9138

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.6718, 25.5739, 25.2141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4285, 27.3232, 21.9138 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(113, 152, 120)` looks like.

```
.text, #text, p{  
    color:rgb(113, 152, 120)  
}
```

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(113, 152, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 152, 120) }
```

Border

The CSS property to change the border of an element to XYZ 21.4285, 27.3232, 21.9138 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(113, 152, 120) }
```


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

```
.border{ border-color:rgb(113, 152, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 152, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 152, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 152, 120);  
box-shadow:4px 4px 4px 4px rgb(113, 152,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4285, 27.3232, 21.9138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 152, 120) }
```

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

```
.background{ background-color: rgb(113,  
152, 120) }
```

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