

Converting Colors

XYZ(21.1772, 14.1898, 27.2139)

Have a look what the booklet for
XYZ(21.1772, 14.1898, 27.2139)
contains.

XYZ(21.1772, 14.1898, 27.2139)	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(21.1772, 14.1898,
27.2139)**

Conversions

Conversions Part 1

Format	Color
Hex	9C4C8E
RGB	156, 76, 142
RGB Percent	61%, 30%, 56%
CMY	0.3882, 0.7019, 0.4431
CMYK	0.00, 0.51, 0.09, 0.39
HSL	311°, 34%, 45%
HSV	311°, 51%, 61%
XYZ	21.1772, 14.1898, 27.2139
YIQ	107.4440, 26.4940, 37.4860

Conversions

Conversions Part 2

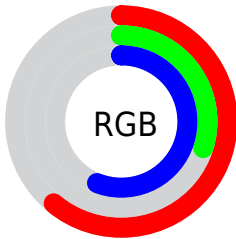
Format	Color
R _{YB}	156, 76, 142
Decimal	10243214
CIE _{Lab}	44.50, 42.33, -21.66
CIE _{LCh}	45, 47.549, 332.895
Y _{xy}	14.1898, 0.3384, 0.2267
Android (android.graphics.Color)	4288433294 (0xFF9C4C8E)
YUV	107.4440, 17.0361, 42.5836
Hunter-Lab	37.6694, 34.4289, -16.4650

Details

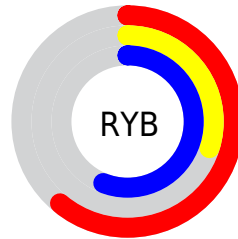
The XYZ color **21.1772, 14.1898, 27.2139** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.7151, 26.0521, 13.8214**, and the grayscale version is **14.0479, 14.7795, 16.0948**.

A 20% lighter version of the original color is **44.8344, 33.4209, 56.3124**, and **7.7379, 4.2508, 10.5379** is the 20% darker color. If you saturate the color by 10%, you get **20.0275, 12.2142, 25.8318**, and if you desaturate by 10%, it is **22.5935, 16.6899, 28.7099**.

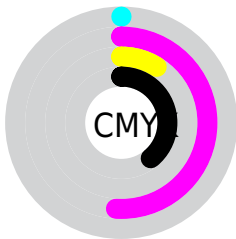
Distribution



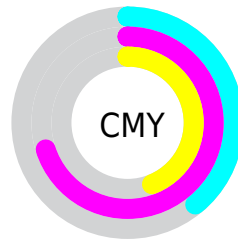
- Red (61%)
- Green (30%)
- Blue (56%)



- Red (61%)
- Yellow (30%)
- Blue (56%)



- Cyan (0%)
- Magenta (51%)
- Yellow (9%)
- Black (39%)



- Cyan (39%)
- Magenta (70%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1772, 14.1898, 27.2139 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 21.1772, 14.1898, 27.2139 by changing the saturation by 10% instead.

■ 21.1772, 14.1898,
27.2139

■ 21.1772, 14.1898,
27.2139

250.9326,
218.4084, 302.4842

■ 13.3668, 8.2528,
17.5001

■ 44.8713, 33.4254,
56.2348

■ 7.7603, 4.2571,
10.4260

■ 61.4857, 47.4928,
76.3790

■ 3.9925, 1.8184,
5.5730

■ 81.7655, 65.0391,
100.8370

■ 1.6979, 0.4986,
2.5227

■ 106.0761, 86.4488,
130.0275

■ 0.4549, 0.0000,
0.8521

■ 134.7827,
112.1061, 164.3689

■ 0.0000, 0.0000,
0.0000

168.2507,

142.3956, 204.2798

206.8456,
177.7016, 250.1787

■ 21.1772, 14.1898,
27.2139

■ 21.1772, 14.1898,
27.2139

■ 20.0275, 12.2142,
25.8318

■ 22.5935, 16.6899,
28.7099

■ 19.1238, 10.7228,
24.5561

■ 24.2921, 19.7471,
30.3249

■ 18.4446, 9.6727,
23.3797

■ 26.2896, 23.3936,
32.0646

■ 17.9643, 9.0124,
22.2938

■ 28.6003, 27.6585,
33.9341

■ 17.6529, 8.6450,
21.4023

■ 31.2380, 32.5692,
35.9379

■ 34.2156, 38.1512,
38.0807

■ 37.5451, 44.4288,
40.3666

■ 41.2381, 51.4249,
42.7996

■ 45.3057, 59.1616,
45.3836

Harmonies

Analogous

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



17.9032, 14.1898, 40.8458



21.1772, 14.1898, 27.2139



22.2776, 14.1898, 14.4077

Triad

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



21.1772, 14.1898, 27.2139



13.1179, 14.1898, 2.4979



8.1926, 14.1898, 29.9991

Complementary

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



21.1772, 14.1898, 27.2139



16.7151, 26.0521, 13.8214

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.



7.3795, 14.1898, 16.5420



21.1772, 14.1898, 27.2139



9.8642, 14.1898, 3.6338

Square

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



21.1772, 14.1898, 27.2139



17.1351, 14.1898, 3.2423



7.9283, 14.1898, 7.6849



10.3973, 14.1898, 42.9199

Rectangle

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



21.1772, 14.1898, 27.2139



21.4882, 14.1898, 8.6023



7.9283, 14.1898, 7.6849



7.7687, 14.1898, 25.2132

Sweetspot

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



21.1777, 14.1905, 27.2142



50.1898, 46.9852, 60.2405



12.7378, 9.7104, 32.6557



10.8639, 10.0065, 13.1099



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.1777, 14.1905, 27.2142



36.0218, 21.5900, 46.4514



18.7268, 13.2101, 14.3080



6.8543, 6.7346, 8.0839



14.5517, 7.1253, 17.6883



0.2722, 0.1322, 0.3793

Inverse Universe

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



21.1777, 14.1905, 27.2142



36.0218, 21.5900, 46.4514



18.8542, 26.9077, 25.0859



6.8543, 6.7346, 8.0839



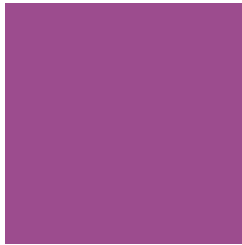
14.5517, 7.1253, 17.6883



0.2722, 0.1322, 0.3793

Previews

White Background



This preview shows how the XYZ color 21.1772, 14.1898, 27.2139 looks on a white background.

Color Contrast Check

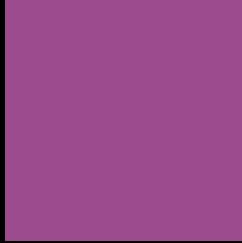
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.1772, 14.1898, 27.2139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

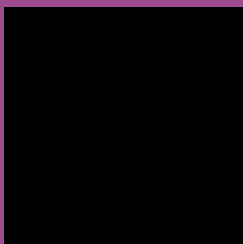
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.1772, 14.1898, 27.2139

Background



This preview shows how black text looks on a background with the XYZ color 21.1772, 14.1898, 27.2139.



This preview shows how white text looks on a background with the XYZ color 21.1772, 14.1898,

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

21.1772, 14.1898, 27.2139

Protanopia

15.3073, 14.4658, 37.1074

Deuteranopia

14.6113, 14.3594, 25.6685



Tritanopia

18.1911, 14.2039, 12.3725

Trichromacy



Original Color

21.1772, 14.1898, 27.2139

Protanomaly

16.4339, 13.7207, 33.2347

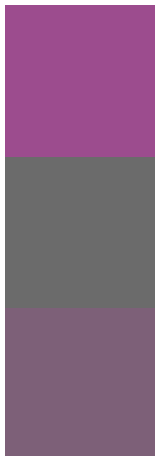
Deuteranomaly

16.4086, 13.8626, 26.2370

Tritanomaly

19.0994, 14.1065, 16.7551

Monochromacy



Original Color

21.1772, 14.1898, 27.2139

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.0305, 14.0818, 19.6425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1772, 14.1898, 27.2139 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(156, 76, 142)` looks like.

```
.text, #text, p{  
    color:rgb(156, 76, 142)  
}
```

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(156, 76, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 76, 142) }
```

Border

The CSS property to change the border of an element to XYZ 21.1772, 14.1898, 27.2139 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(156, 76, 142) }
```


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

```
.border{ border-color:rgb(156, 76, 142) }
```

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

Here you see how a box with a 4 pixel rgb(156, 76, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 76, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 76, 142);  
box-shadow:4px 4px 4px 4px rgb(156, 76,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1772, 14.1898, 27.2139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 76, 142) }
```

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

```
.background{ background-color: rgb(156, 76,  
142) }
```

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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