

Converting Colors

XYZ(21.4360, 28.2217, 27.3524)

Have a look what the booklet for
XYZ(21.4360, 28.2217, 27.3524)
contains.

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Color

**XYZ(21.4072, 28.1789,
27.2325)**

Conversions

Conversions Part 1

Format	Color
Hex	639C87
RGB	99, 156, 135
RGB Percent	39%, 61%, 53%
CMY	0.6118, 0.3882, 0.4706
CMYK	0.37, 0.00, 0.13, 0.39
HSL	158°, 22%, 50%
HSV	158°, 37%, 61%
XYZ	21.4072, 28.1789, 27.2325
YIQ	136.5630, -27.2310, -18.6150

Conversions

Conversions Part 2

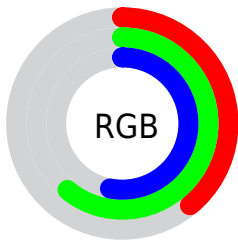
Format	Color
R_{YB}	99, 134, 156
Decimal	6528135
CIE _{Lab}	60.05, -23.59, 5.11
CIE _{LCh}	60, 24.136, 167.776
Yxy	28.1789, 0.2787, 0.3668
Android (android.graphics.Color)	4284718215 (0xFF639C87)
YUV	136.5630, -0.7706, -32.9428
Hunter-Lab	53.0838, -20.9126, 6.7423

Details

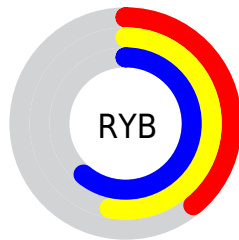
The XYZ color **21.4072, 28.1789, 27.2325** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5632, 17.3483, 19.9823**, and the grayscale version is **23.6238, 24.8541, 27.0661**.

A 20% lighter version of the original color is **45.3203, 56.8948, 56.1701**, and **7.8089, 11.1849, 10.3417** is the 20% darker color. If you saturate the color by 10%, you get **19.4711, 27.2270, 25.0865**, and if you desaturate by 10%, it is **23.6960, 29.3115, 29.5103**.

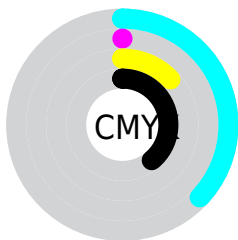
Distribution



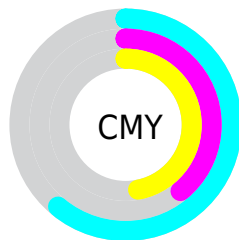
- Red (39%)
- Green (61%)
- Blue (53%)



- Red (39%)
- Yellow (53%)
- Blue (61%)



- Cyan (37%)
- Magenta (0%)
- Yellow (13%)
- Black (39%)



- Cyan (61%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4072, 28.1789, 27.2325 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 21.4072, 28.1789, 27.2325 by changing the saturation by 10% instead.

■ 21.4072, 28.1789,
27.2325

■ 21.4072, 28.1789,
27.2325

252.1257,
293.3208, 302.5768

■ 13.5361, 18.4606,
17.5139

■ 45.2504, 56.7699,
56.2650

■ 7.8783, 11.2811,
10.4358

■ 61.9533, 76.4114,
76.4160

■ 4.0683, 6.2563,
5.5795

■ 82.3308, 100.1294,
100.8816

■ 1.7409, 3.0015,
2.5265

■ 106.7484,
128.3083, 130.0803

■ 0.4816, 1.1325,
0.8541

135.5713,
161.3325, 164.4306

■ 0.0000, 0.0055,
0.0000

169.1649,

■ 0.0000, 0.0000,

199.5864, 204.3511

0.0000

207.8945,
243.4543, 250.2603

■ 21.4072, 28.1789,
27.2325

■ 21.4072, 28.1789,
27.2325

■ 19.4711, 27.2270,
25.0865

■ 23.6960, 29.3115,
29.5103

■ 17.8659, 26.4426,
23.0676

■ 26.3530, 30.6306,
31.9206

■ 16.5712, 25.8157,
21.1738

■ 29.3955, 32.1459,
34.4664

■ 15.5629, 25.3341,
19.4019

■ 32.8391, 33.8653,
37.1502

■ 14.8135, 24.9835,
17.7489

■ 36.6985, 35.7964,
39.9743

■ 14.2818, 24.7430,
16.2107

■ 40.9876, 37.9463,
42.9409

■ 14.1185, 24.6698,
15.7034

■ 45.7197, 40.3218,
46.0522

■ 50.9075, 42.9295,
49.3104

■ 56.5631, 45.7755,
52.7175

Harmonies

Analogous

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



22.6366, 28.1789, 20.6459



21.4072, 28.1789, 27.2325



21.5352, 28.1789, 36.1510

Triad

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



21.4072, 28.1789, 27.2325



28.6303, 28.1789, 49.8103



30.9591, 28.1789, 19.7675

Complementary

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



21.4072, 28.1789, 27.2325



21.5632, 17.3483, 19.9823

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.



32.8212, 28.1789, 25.7944



21.4072, 28.1789, 27.2325



31.4075, 28.1789, 43.5354

Square

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



21.4072, 28.1789, 27.2325



25.5500, 28.1789, 50.3994



32.9914, 28.1789, 34.4112



28.0555, 28.1789, 16.9230

Rectangle

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



21.4072, 28.1789, 27.2325



22.3738, 28.1789, 42.2757



32.9914, 28.1789, 34.4112



31.7369, 28.1789, 21.4291

Sweetspot

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



21.4080, 28.1800, 27.2331



50.7139, 57.0507, 60.4039



22.0056, 28.7332, 16.1909



11.0093, 12.4790, 13.1657



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.



21.4080, 28.1800, 27.2331



35.9075, 49.7168, 46.1963



21.9501, 26.6599, 35.4429



6.7181, 7.4680, 7.9499



11.6459, 20.3263, 13.0242



0.2280, 0.3714, 0.3371

Inverse Universe

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



21.5632, 17.3483, 19.9823



36.2372, 27.0426, 31.0418



21.0813, 18.2054, 14.2075



6.7291, 6.6845, 7.4243



11.9268, 6.0753, 3.8657



0.2328, 0.1164, 0.1721

Previews

White Background



This preview shows how the XYZ color 21.4072, 28.1789, 27.2325 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 21.4072, 28.1789, 27.2325 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 21.4072, 28.1789, 27.2325

Background



This preview shows how black text looks on a background with the XYZ color 21.4072, 28.1789, 27.2325.



This preview shows how white text looks on a background with the XYZ color 21.4072, 28.1789,

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

21.4072, 28.1789, 27.2325

Protanopia

26.4472, 27.9891, 24.4306

Deuteranopia

28.3900, 27.8029, 28.2963



Tritanopia

23.8729, 28.2010, 39.3071

Trichromacy



Original Color

21.4072, 28.1789, 27.2325

Protanomaly

24.0467, 27.6438, 25.5411

Deuteranomaly

25.1941, 27.4890, 28.0228

Tritanomaly

22.7345, 27.9659, 34.3367

Monochromacy



Original Color

21.4072, 28.1789, 27.2325

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.5856, 25.9350, 27.1081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4072, 28.1789, 27.2325 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(99, 156, 135)` looks like.

```
.text, #text, p{  
    color:rgb(99, 156, 135)  
}
```

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(99, 156, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 156, 135) }
```

Border

The CSS property to change the border of an element to XYZ 21.4072, 28.1789, 27.2325 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(99, 156, 135) }
```


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

```
.border{ border-color:rgb(99, 156, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 156, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 156, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 156, 135);  
box-shadow:4px 4px 4px 4px rgb(99, 156,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4072, 28.1789, 27.2325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 156, 135) }
```

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

```
.background{ background-color: rgb(99, 156,  
135) }
```

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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