

Converting Colors

XYZ(17.5911, 21.7654, 21.6432)

Have a look what the booklet for
XYZ(17.5911, 21.7654, 21.6432)
contains.

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Color

**XYZ(17.5725, 21.7228,
21.6791)**

Conversions

Conversions Part 1

Format	Color
Hex	64887A
RGB	100, 136, 122
RGB Percent	39%, 53%, 48%
CMY	0.6078, 0.4667, 0.5216
CMYK	0.26, 0.00, 0.10, 0.47
HSL	157°, 15%, 46%
HSV	157°, 26%, 53%
XYZ	17.5725, 21.7228, 21.6791
YIQ	123.6400, -16.9620, -11.9860

Conversions

Conversions Part 2

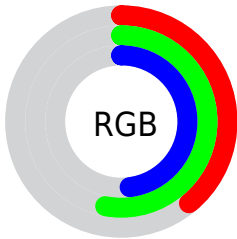
Format	Color
R_{YB}	100, 122, 136
Decimal	6588538
CIE _{Lab}	53.73, -15.73, 3.44
CIE _{LCh}	54, 16.099, 167.658
Yxy	21.7228, 0.2882, 0.3563
Android (android.graphics.Color)	4284778618 (0xFF64887A)
YUV	123.6400, -0.8085, -20.7323
Hunter-Lab	46.6077, -14.2637, 5.0473

Details

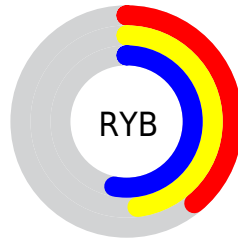
The XYZ color **17.5725, 21.7228, 21.6791** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7485, 15.5639, 17.9891**, and the grayscale version is **19.0456, 20.0374, 21.8207**.

A 20% lighter version of the original color is **38.7865, 46.1266, 46.9035**, and **5.9466, 7.8667, 7.5083** is the 20% darker color. If you saturate the color by 10%, you get **15.8733, 20.8842, 19.9353**, and if you desaturate by 10%, it is **19.5419, 22.6998, 23.5296**.

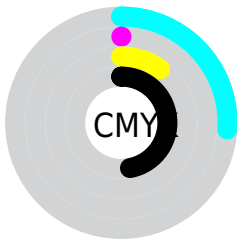
Distribution



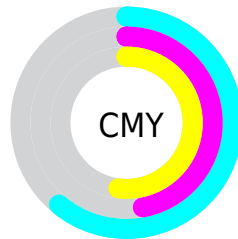
- Red (39%)
- Green (53%)
- Blue (48%)



- Red (39%)
- Yellow (48%)
- Blue (53%)



- Cyan (26%)
- Magenta (0%)
- Yellow (10%)
- Black (47%)



- Cyan (61%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5725, 21.7228, 21.6791 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 17.5725, 21.7228, 21.6791 by changing the saturation by 10% instead.

■ 17.5725, 21.7228,
21.6791

■ 17.5725, 21.7228,
21.6791

231.5428,
261.0952, 273.7645

■ 10.7413, 13.6534,
13.4252

■ 38.8433, 46.2874,
47.1104

■ 5.9592, 7.8800,
7.5879

■ 54.0137, 63.5514,
65.1249

■ 2.8607, 4.0182,
3.7484

■ 72.6945, 84.6490,
87.2301

■ 1.0805, 1.6838,
1.4884

■ 95.2512, 109.9646,
113.8445

■ 0.0087, 0.4131,
0.2092

122.0489,
139.8826, 145.3865

■ 0.0000, 0.0000,
0.0000

153.4532,

174.7875, 182.2749

189.8294,
215.0636, 224.9280

■ 17.5725, 21.7228,
21.6791

■ 17.5725, 21.7228,
21.6791

■ 15.8733, 20.8842,
19.9353

■ 19.5419, 22.6998,
23.5296

■ 14.4297, 20.1749,
18.2947

■ 21.7917, 23.8185,
25.4873

■ 13.2285, 19.5885,
16.7557

■ 24.3334, 25.0857,
27.5547

■ 12.2546, 19.1173,
15.3159

■ 27.1776, 26.5067,
29.7336

■ 11.4911, 18.7526,
13.9730

■ 30.3343, 28.0866,
32.0257

■ 10.9183, 18.4843,
12.7244

■ 33.8131, 29.8303,
34.4330

■ 10.5034, 18.2956,
11.5670

■ 37.6230, 31.7424,
36.9571

■ 10.3701, 18.2354,
11.1789

■ 41.7728, 33.8275,
39.5996

■ 46.2709, 36.0899,
42.3622

Harmonies

Analogous

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



18.2905, 21.7228, 17.8125



17.5725, 21.7228, 21.6791



17.6441, 21.7228, 26.6533

Triad

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



17.5725, 21.7228, 21.6791



21.6697, 21.7228, 33.9107



22.9631, 21.7228, 17.3016

Complementary

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



17.5725, 21.7228, 21.6791



17.7485, 15.5639, 17.9891

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.



23.9723, 21.7228, 20.8858



17.5725, 21.7228, 21.6791



23.1974, 21.7228, 30.6468

Square

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



17.5725, 21.7228, 21.6791



19.9458, 21.7228, 34.2015



24.0604, 21.7228, 25.7420



21.3642, 21.7228, 15.5317

Rectangle

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



17.5725, 21.7228, 21.6791



18.1302, 21.7228, 29.9452



24.0604, 21.7228, 25.7420



23.3863, 21.7228, 18.3094

Sweetspot

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



17.5731, 21.7237, 21.6796



37.6910, 41.6196, 44.3134



18.0967, 22.1337, 15.3752



8.5998, 9.5744, 10.1523



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.5731, 21.7237, 21.6796



29.0493, 37.3337, 36.2698



18.0057, 21.0990, 26.4172



5.0918, 5.6562, 6.0043



9.8192, 17.2603, 10.6044



0.0724, 0.1175, 0.1084

Inverse Universe

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



17.7485, 15.5639, 17.9891



29.4154, 24.5115, 28.5927



17.3644, 15.9751, 14.2251



5.1082, 5.0787, 5.6580



10.2200, 5.1981, 3.6630



0.0747, 0.0373, 0.0602

Previews

White Background



This preview shows how the XYZ color 17.5725, 21.7228, 21.6791 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 17.5725, 21.7228, 21.6791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

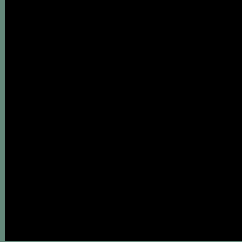
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5725, 21.7228, 21.6791

Background



This preview shows how black text looks on a background with the XYZ color 17.5725, 21.7228, 21.6791.



This preview shows how white text looks on a background with the XYZ color 17.5725, 21.7228,

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

17.5725, 21.7228, 21.6791

Protanopia

20.6029, 21.7092, 19.9340

Deuteranopia

22.0647, 21.6468, 22.4173



Tritanopia

19.1305, 21.7317, 29.5719

Trichromacy



Original Color

17.5725, 21.7228, 21.6791

Protanomaly

19.3312, 21.6295, 20.6088

Deuteranomaly

20.1097, 21.4056, 22.1406

Tritanomaly

18.5625, 21.7113, 26.5049

Monochromacy



Original Color

17.5725, 21.7228, 21.6791

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.3646, 20.5132, 21.7304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5725, 21.7228, 21.6791 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(100, 136, 122)` looks like.

```
.text, #text, p{  
    color:rgb(100, 136, 122)  
}
```

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(100, 136, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 136, 122) }
```

Border

The CSS property to change the border of an element to XYZ 17.5725, 21.7228, 21.6791 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(100, 136, 122) }
```


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

```
.border{ border-color:rgb(100, 136, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 136, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 136, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 136, 122);  
box-shadow:4px 4px 4px 4px rgb(100, 136,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5725, 21.7228, 21.6791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 136, 122) }
```

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

```
.background{ background-color: rgb(100,  
136, 122) }
```

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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