

Converting Colors

XYZ(20.6032, 24.2189, 21.6644)

Have a look what the booklet for
XYZ(20.6032, 24.2189, 21.6644)
contains.

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Color

**XYZ(20.5750, 24.1297,
21.6622)**

Conversions

Conversions Part 1

Format	Color
Hex	788C79
RGB	120, 140, 121
RGB Percent	47%, 55%, 47%
CMY	0.5294, 0.4510, 0.5255
CMYK	0.14, 0.00, 0.14, 0.45
HSL	123°, 8%, 51%
HSV	123°, 14%, 55%
XYZ	20.5750, 24.1297, 21.6622
YIQ	131.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

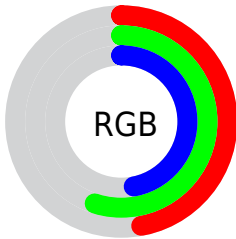
Format	Color
R_{YB}	120, 139, 140
Decimal	7900281
CIE Lab	56.22, -11.06, 7.76
CIE LCh	56, 13.512, 144.964
Yxy	24.1297, 0.3100, 0.3636
Android (android.graphics.Color)	4286090361 (0xFF788C79)
YUV	131.8540, -5.3510, -10.3960
Hunter-Lab	49.1220, -11.1978, 8.2392

Details

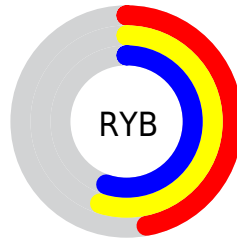
The XYZ color **20.5750, 24.1297, 21.6622** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.1928, 20.8731, 27.2865**, and the grayscale version is **21.9002, 23.0407, 25.0914**.

A 20% lighter version of the original color is **43.8479, 50.3714, 46.9468**, and **7.4244, 9.1198, 7.4999** is the 20% darker color. If you saturate the color by 10%, you get **18.0133, 22.8976, 17.5743**, and if you desaturate by 10%, it is **23.5344, 25.5552, 26.3569**.

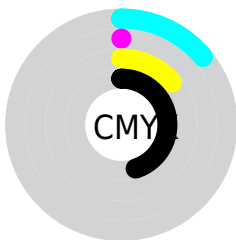
Distribution



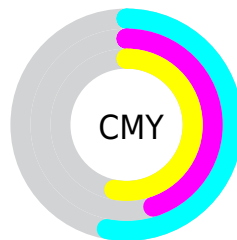
- Red (47%)
- Green (55%)
- Blue (47%)



- Red (47%)
- Yellow (55%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5750, 24.1297, 21.6622 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 20.5750, 24.1297, 21.6622 by changing the saturation by 10% instead.

■ 20.5750, 24.1297,
21.6622

■ 20.5750, 24.1297,
21.6622

247.7858,
273.4755, 273.6728

■ 12.9244, 15.4299,
13.4130

■ 43.8758, 50.2418,
47.0821

■ 7.4531, 9.1216,
7.5795

■ 60.2566, 68.4228,
65.0898

■ 3.7959, 4.8206,
3.7432

■ 80.2783, 90.5330,
87.1874

■ 1.5873, 2.1424,
1.4855

104.3061,
116.9568, 113.7934

■ 0.3841, 0.6883,
0.2071

132.7054,
148.0785, 145.3264

■ 0.0000, 0.0000,
0.0000

165.8415,

184.2826, 182.2050

204.0799,
225.9535, 224.8476

■ 20.5750, 24.1297,
21.6622

■ 20.5750, 24.1297,
21.6622

■ 18.0133, 22.8976,
17.5743

■ 23.5344, 25.5552,
26.3569

■ 15.8306, 21.8478,
14.0668

■ 26.9054, 27.1787,
31.6799

■ 14.0094, 20.9724,
11.1140


■ 30.7036, 29.0084,
37.6539


■ 12.5302, 20.2620,
8.6874


■ 34.9433, 31.0513,
44.2997


■ 11.3716, 19.7062,
6.7562


■ 39.6379, 33.3140,
51.6374


 10.5098, 19.2936,
5.2862


 44.8006, 35.8026,
59.6863

 9.9178, 19.0110,
4.2390

 50.4437, 38.5233,
68.4646

 9.5621, 18.8421,
3.5700

 56.5793, 41.4818,
77.9902

 9.4169, 18.7724,
3.3281

 63.2189, 44.6838,
88.2803

Harmonies

Analogous

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



21.6970, 24.1297, 19.2566



20.5750, 24.1297, 21.6622



20.0862, 24.1297, 25.5294

Triad

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



20.5750, 24.1297, 21.6622



22.6734, 24.1297, 35.7479



25.7501, 24.1297, 22.8260

Complementary

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



20.5750, 24.1297, 21.6622



22.1928, 20.8731, 27.2865

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.



26.0402, 24.1297, 27.0312



20.5750, 24.1297, 21.6622



24.2183, 24.1297, 34.8155

Square

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



20.5750, 24.1297, 21.6622



21.2623, 24.1297, 33.9174



25.4679, 24.1297, 31.4959



24.6923, 24.1297, 19.8735

Rectangle

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



20.5750, 24.1297, 21.6622



20.1685, 24.1297, 28.5442



25.4679, 24.1297, 31.4959



25.9426, 24.1297, 24.1258

Sweetspot

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



20.5757, 24.1307, 21.6627



41.6034, 45.1073, 46.6452



23.4725, 25.6312, 21.4798



9.4983, 10.3514, 10.6087



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.



20.5757, 24.1307, 21.6627



34.8137, 41.8387, 35.8652



21.1987, 24.3800, 24.9437



4.9813, 5.6120, 5.4227



8.3692, 16.6803, 2.9689



0.0568, 0.1113, 0.0258

Inverse Universe

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



22.1928, 20.8731, 27.2865



38.2060, 35.0046, 47.6623



21.5171, 20.6028, 23.7286



5.2232, 5.1247, 6.2640



13.3738, 6.4596, 20.2706



0.0904, 0.0435, 0.1428

Previews

White Background



This preview shows how the XYZ color 20.5750, 24.1297, 21.6622 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 20.5750, 24.1297, 21.6622 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 20.5750, 24.1297, 21.6622

Background



This preview shows how black text looks on a background with the XYZ color 20.5750, 24.1297, 21.6622.



This preview shows how white text looks on a background with the XYZ color 20.5750, 24.1297,

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

20.5750, 24.1297, 21.6622

Protanopia

22.7796, 24.0209, 20.5754

Deuteranopia

24.5067, 24.0707, 22.0934



Tritanopia

22.3828, 24.0000, 31.0565

Trichromacy



Original Color

20.5750, 24.1297, 21.6622

Protanomaly

21.8068, 23.9268, 20.9218

Deuteranomaly

22.8532, 24.0308, 21.8463

Tritanomaly

21.7015, 23.9373, 27.5213

Monochromacy



Original Color

20.5750, 24.1297, 21.6622

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.4623, 23.4757, 23.8221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5750, 24.1297, 21.6622 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(120, 140, 121)` looks like.

```
.text, #text, p{  
    color:rgb(120, 140, 121)  
}
```

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(120, 140, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 140, 121) }
```

Border

The CSS property to change the border of an element to XYZ 20.5750, 24.1297, 21.6622 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(120, 140, 121) }
```


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

```
.border{ border-color:rgb(120, 140, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 140, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 140, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 140, 121);  
box-shadow:4px 4px 4px 4px rgb(120, 140,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5750, 24.1297, 21.6622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 140, 121) }
```

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

```
.background{ background-color: rgb(120,  
140, 121) }
```

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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