

Converting Colors

XYZ(20.6362, 20.4248, 20.5630)

Have a look what the booklet for
XYZ(20.6362, 20.4248, 20.5630)
contains.

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Color

**XYZ(20.7088, 20.4341,
20.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7978
RGB	138, 121, 120
RGB Percent	54%, 47%, 47%
CMY	0.4588, 0.5255, 0.5294
CMYK	0.00, 0.12, 0.13, 0.46
HSL	3°, 7%, 51%
HSV	3°, 13%, 54%
XYZ	20.7088, 20.4341, 20.6220
YIQ	125.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

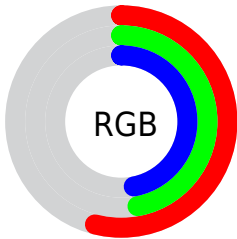
Format	Color
R_{YB}	138, 121, 120
Decimal	9075064
CIE _{Lab}	52.32, 6.37, 2.94
CIE _{LCh}	52, 7.014, 24.827
Yxy	20.4341, 0.3353, 0.3308
Android (android.graphics.Color)	4287265144 (0xFF8A7978)
YUV	125.9690, -2.9427, 10.5512
Hunter-Lab	45.2041, 2.6669, 4.5949

Details

The XYZ color **20.7088, 20.4341, 20.6220** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.2788, 23.7189, 27.5017**, and the grayscale version is **19.8283, 20.8610, 22.7176**.

A 20% lighter version of the original color is **44.1282, 44.0722, 45.2107**, and **7.5116, 7.1773, 7.1203** is the 20% darker color. If you saturate the color by 10%, you get **18.4529, 17.1674, 16.0315**, and if you desaturate by 10%, it is **23.3005, 24.1789, 25.9205**.

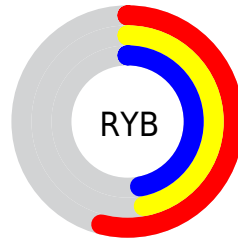
Distribution



Red (54%)

Green (47%)

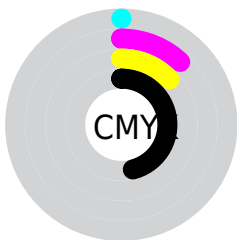
Blue (47%)



Red (54%)

Yellow (47%)

Blue (47%)

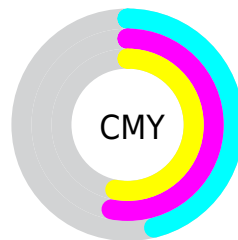


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (46%)



Cyan (46%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7088, 20.4341, 20.6220 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 20.7088, 20.4341, 20.6220 by changing the saturation by 10% instead.

■ 20.7088, 20.4341,
20.6220

■ 20.7088, 20.4341,
20.6220

248.4880,
254.2556, 267.9775

■ 13.0226, 12.7110,
12.6594

■ 44.0973, 44.1438,
45.3302

■ 7.5212, 7.2298,
7.0665

■ 60.5303, 60.8992,
62.9129

■ 3.8393, 3.6062,
3.4246

■ 80.6096, 81.4341,
84.5393

■ 1.6116, 1.4558,
1.3153

104.7006,
106.1329, 110.6282

■ 0.4000, 0.2573,
0.0743

133.1685,
135.3801, 141.5978

■ 0.0000, 0.0000,
0.0000

166.3788,

169.5600, 177.8669

204.6969,
209.0570, 219.8540

■ 20.7088, 20.4341,
20.6220

■ 20.7088, 20.4341,
20.6220

■ 18.4529, 17.1674,
16.0315

■ 23.3005, 24.1789,
25.9205

■ 16.5176, 14.3568,
12.1179

■ 26.2392, 28.4169,
31.9538

■ 14.8886, 11.9829,
8.8494

■ 29.5376, 33.1662,
38.7489

■ 13.5503, 10.0239,
6.1914

■ 33.2074, 38.4431,
46.3312

■ 12.4856, 8.4558,
4.1061

■ 37.2596, 44.2630,
54.7247

■ 11.6756, 7.2525,
2.5513

■ 41.7048, 50.6410,
63.9525

■ 11.0989, 6.3844,
1.4792

■ 46.5533, 57.5912,
74.0367

■ 10.7306, 5.8176,
0.8330

■ 51.8149, 65.1275,
84.9988

■ 10.5648, 5.5702,
0.5183

■ 57.4991, 73.2632,
96.8592

Harmonies

Analogous

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



20.8370, 20.4341, 22.6095



20.7088, 20.4341, 20.6220



20.2324, 20.4341, 19.1563

Triad

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



20.7088, 20.4341, 20.6220



18.3097, 20.4341, 20.0376



19.2972, 20.4341, 26.4465

Complementary

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



20.7088, 20.4341, 20.6220



21.2788, 23.7189, 27.5017

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.



18.6336, 20.4341, 25.6584



20.7088, 20.4341, 20.6220



18.0725, 20.4341, 21.8929

Square

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



20.7088, 20.4341, 20.6220



18.8452, 20.4341, 18.8339



18.1896, 20.4341, 23.9600



20.0105, 20.4341, 26.0544

Rectangle

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



20.7088, 20.4341, 20.6220



19.7875, 20.4341, 18.6299



18.1896, 20.4341, 23.9600



19.0611, 20.4341, 26.3094

Sweetspot

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



20.7094, 20.4350, 20.6224



40.5665, 41.8911, 44.6559



21.7205, 20.6455, 26.5450



9.0265, 9.2914, 9.8678



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.



20.7094, 20.4350, 20.6224



35.1275, 34.0288, 33.5456



21.8410, 22.6983, 20.9997



5.0538, 5.0904, 5.2686



9.6900, 5.1144, 0.4765



0.0669, 0.0391, 0.0040

Inverse Universe

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



21.2788, 23.7189, 27.5017



36.3571, 41.1213, 48.4041



20.0657, 21.2928, 27.0974



5.1494, 5.6417, 6.4234



11.5668, 16.4040, 24.6023



0.0802, 0.1157, 0.1646

Previews

White Background



This preview shows how the XYZ color 20.7088, 20.4341, 20.6220 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 20.7088, 20.4341, 20.6220 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

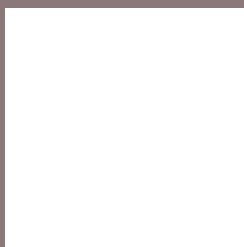
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7088, 20.4341, 20.6220

Background



This preview shows how black text looks on a background with the XYZ color 20.7088, 20.4341, 20.6220.



This preview shows how white text looks on a background with the XYZ color 20.7088, 20.4341,

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

20.7088, 20.4341, 20.6220

Protanopia

19.6226, 20.4096, 21.3176

Deuteranopia

20.8750, 20.5198, 20.6298



Tritanopia

21.3264, 20.5069, 23.6031

Trichromacy



Original Color

20.7088, 20.4341, 20.6220

Protanomaly

20.0499, 20.4519, 20.9800

Deuteranomaly

20.8750, 20.5198, 20.6298

Tritanomaly

21.1298, 20.4283, 22.5681

Monochromacy



Original Color

20.7088, 20.4341, 20.6220

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.0517, 20.6164, 21.9913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7088, 20.4341, 20.6220 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(138, 121, 120) looks like.

```
.text, #text, p{  
    color:rgb(138, 121, 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(138, 121, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 121, 120) }
```

Border

The CSS property to change the border of an element to XYZ 20.7088, 20.4341, 20.6220 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(138, 121, 120) }
```


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

```
.border{ border-color:rgb(138, 121, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 121, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 121, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 121, 120);  
box-shadow:4px 4px 4px 4px rgb(138, 121,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7088, 20.4341, 20.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 121, 120) }
```

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

```
.background{ background-color: rgb(138,  
121, 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](#).

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