

Converting Colors

XYZ(21.4280, 20.5669, 23.2625)

Have a look what the booklet for
XYZ(21.4280, 20.5669, 23.2625)
contains.

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Color

**XYZ(21.4280, 20.5669,
23.2625)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7880
RGB	140, 120, 128
RGB Percent	55%, 47%, 50%
CMY	0.4510, 0.5294, 0.4980
CMYK	0.00, 0.14, 0.09, 0.45
HSL	336°, 8%, 51%
HSV	336°, 14%, 55%
XYZ	21.4280, 20.5669, 23.2625
YIQ	126.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

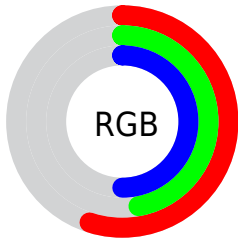
Format	Color
R_{YB}	140, 120, 128
Decimal	9205888
CIE Lab	52.47, 9.17, -1.51
CIE LCh	52, 9.295, 350.669
Yxy	20.5669, 0.3284, 0.3152
Android (android.graphics.Color)	4287395968 (0xFF8C7880)
YUV	126.8920, 0.5462, 11.4957
Hunter-Lab	45.3507, 4.9766, 1.3329

Details

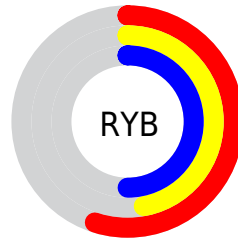
The XYZ color **21.4280, 20.5669, 23.2625** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.2895, 24.4158, 25.4217**, and the grayscale version is **20.1322, 21.1806, 23.0657**.

A 20% lighter version of the original color is **45.3411, 44.3106, 49.8791**, and **7.9451, 7.3729, 8.4015** is the 20% darker color. If you saturate the color by 10%, you get **19.3357, 17.2306, 19.9489**, and if you desaturate by 10%, it is **23.8135, 24.4157, 26.9002**.

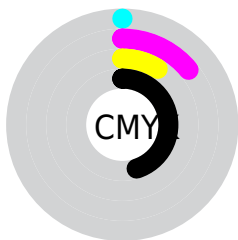
Distribution



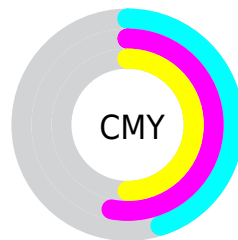
- Red (55%)
- Green (47%)
- Blue (50%)



- Red (55%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (45%)



- Cyan (45%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4280, 20.5669, 23.2625 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 21.4280, 20.5669, 23.2625 by changing the saturation by 10% instead.

■ 21.4280, 20.5669,
23.2625

■ 21.4280, 20.5669,
23.2625

252.2333,
254.9678, 282.2359

■ 13.5515, 12.8078,
14.5803

■ 45.2847, 44.3656,
49.7526

■ 7.8890, 7.2963,
8.3821

■ 61.9956, 61.1740,
68.3977

■ 4.0752, 3.6481,
4.2491

■ 82.3819, 81.7676,
91.2008

■ 1.7448, 1.4787,
1.7630

106.8091,
106.5308, 118.5805

■ 0.4840, 0.2737,
0.4034

135.6425,
135.8481, 150.9553

■ 0.0000, 0.0000,
0.0000

169.2474,

170.1037, 188.7438

207.9892,
209.6821, 232.3645

■ 21.4280, 20.5669,
23.2625

■ 21.4280, 20.5669,
23.2625

■ 19.3357, 17.2306,
19.9489

■ 23.8135, 24.4157,
26.9002

■ 17.5230, 14.3824,
16.9488

■ 26.5015, 28.7947,
30.8697

■ 15.9780, 12.0000,
14.2528

■ 29.5030, 33.7241,
35.1799

■ 14.6872, 10.0579,
11.8504

■ 32.8280, 39.2223,
39.8392

■ 13.6356, 8.5288,
9.7306

■ 36.4860, 45.3066,
44.8555

■ 12.8070, 7.3817,
7.8815

■ 40.4861, 51.9939,
50.2364

■ 12.1825, 6.5815,
6.2899

■ 44.8370, 59.3001,
55.9894

■ 11.7389, 6.0839,
4.9411

■ 49.5472, 67.2407,
62.1216

■ 11.5289, 5.8610,
4.2637

■ 54.6249, 75.8306,
68.6402

Harmonies

Analogous

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



21.0119, 20.5669, 25.9165



21.4280, 20.5669, 23.2625



21.3278, 20.5669, 20.5782

Triad

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



21.4280, 20.5669, 23.2625



18.9035, 20.5669, 17.8003



18.4008, 20.5669, 26.7396

Complementary

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



21.4280, 20.5669, 23.2625



21.2895, 24.4158, 25.4217

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.



17.8705, 20.5669, 24.3133



21.4280, 20.5669, 23.2625



18.1541, 20.5669, 19.2058

Square

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



21.4280, 20.5669, 23.2625



19.8492, 20.5669, 17.5692



17.7817, 20.5669, 21.5471



19.2503, 20.5669, 28.0295

Rectangle

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



21.4280, 20.5669, 23.2625



20.9829, 20.5669, 19.1205



17.7817, 20.5669, 21.5471



18.1805, 20.5669, 26.0210

Sweetspot

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



21.4286, 20.5678, 23.2629



42.0731, 43.1903, 47.5597



20.9666, 20.2329, 27.6116



9.6240, 9.8375, 10.8528



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.



21.4286, 20.5678, 23.2629



36.5908, 34.3586, 39.1569



21.1657, 20.8515, 20.6795



5.1103, 5.0796, 5.6695



10.2531, 5.2114, 3.8372



0.0750, 0.0374, 0.0618

Inverse Universe

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



21.4286, 20.5678, 23.2629



36.5908, 34.3586, 39.1569



21.5685, 24.0641, 28.3194



5.1103, 5.0796, 5.6695



10.2531, 5.2114, 3.8372



0.0750, 0.0374, 0.0618

Previews

White Background



This preview shows how the XYZ color 21.4280, 20.5669, 23.2625 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 21.4280, 20.5669, 23.2625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

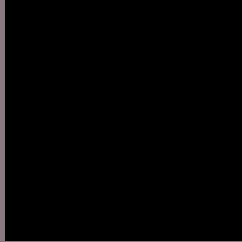
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.4280, 20.5669, 23.2625

Background



This preview shows how black text looks on a background with the XYZ color 21.4280, 20.5669, 23.2625.



This preview shows how white text looks on a background with the XYZ color 21.4280, 20.5669,

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

21.4280, 20.5669, 23.2625

Protanopia

20.0345, 20.7415, 24.4203

Deuteranopia

20.8870, 20.4675, 23.2718



Tritanopia

21.4941, 20.5934, 23.6109

Trichromacy



Original Color

21.4280, 20.5669, 23.2625

Protanomaly

20.4723, 20.6029, 24.0168

Deuteranomaly

21.0502, 20.5516, 23.2795

Tritanomaly

21.4941, 20.5934, 23.6109

Monochromacy



Original Color

21.4280, 20.5669, 23.2625

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.5541, 20.8531, 23.0204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4280, 20.5669, 23.2625 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(140, 120, 128)` looks like.

```
.text, #text, p{  
    color:rgb(140, 120, 128)  
}
```

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(140, 120, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 120, 128) }
```

Border

The CSS property to change the border of an element to XYZ 21.4280, 20.5669, 23.2625 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(140, 120, 128) }
```


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

```
.border{ border-color:rgb(140, 120, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 120, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 120, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 120, 128);  
box-shadow:4px 4px 4px 4px rgb(140, 120,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4280, 20.5669, 23.2625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 120, 128) }
```

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

```
.background{ background-color: rgb(140,  
120, 128) }
```

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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