

Converting Colors

XYZ(21.3523, 25.7338, 22.7311)

Have a look what the booklet for
XYZ(21.3523, 25.7338, 22.7311)
contains.

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Color

**XYZ(21.3083, 25.6028,
22.5577)**

Conversions

Conversions Part 1

Format	Color
Hex	77917B
RGB	119, 145, 123
RGB Percent	47%, 57%, 48%
CMY	0.5333, 0.4314, 0.5176
CMYK	0.18, 0.00, 0.15, 0.43
HSL	129°, 11%, 52%
HSV	129°, 18%, 57%
XYZ	21.3083, 25.6028, 22.5577
YIQ	134.7180, -8.4340, -12.3540

Conversions

Conversions Part 2

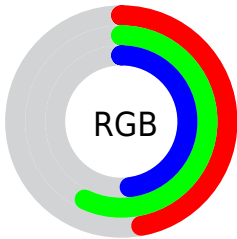
Format	Color
R_{YB}	119, 142, 145
Decimal	7836027
CIE _{Lab}	57.66, -13.75, 8.65
CIE _{LCh}	58, 16.245, 147.812
Yxy	25.6028, 0.3067, 0.3686
Android (android.graphics.Color)	4286026107 (0xFF77917B)
YUV	134.7180, -5.7770, -13.7847
Hunter-Lab	50.5992, -13.3788, 8.9873

Details

The XYZ color **21.3083, 25.6028, 22.5577** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.0825, 21.1371, 28.0637**, and the grayscale version is **22.9482, 24.1433, 26.2920**.

A 20% lighter version of the original color is **44.9559, 52.5999, 48.3408**, and **7.7645, 9.8019, 7.9613** is the 20% darker color. If you saturate the color by 10%, you get **18.7476, 24.3667, 18.6768**, and if you desaturate by 10%, it is **24.2704, 27.0361, 26.9611**.

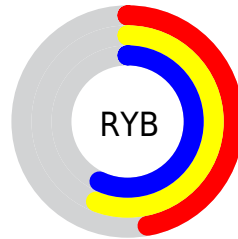
Distribution



Red (47%)

Green (57%)

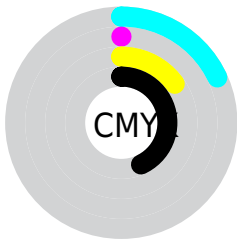
Blue (48%)



Red (47%)

Yellow (56%)

Blue (57%)

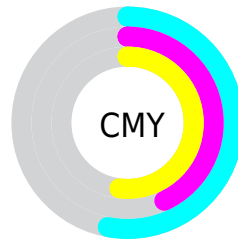


Cyan (18%)

Magenta (0%)

Yellow (15%)

Black (43%)



Cyan (53%)

Magenta (43%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3083, 25.6028, 22.5577 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 21.3083, 25.6028, 22.5577 by changing the saturation by 10% instead.

■ 21.3083, 25.6028,
22.5577

■ 21.3083, 25.6028,
22.5577

251.6132,
280.8268, 278.4930

■ 13.4633, 16.5267,
14.0650

■ 45.0875, 52.6335,
48.5800

■ 7.8275, 9.8976,
8.0266

■ 61.7524, 71.3569,
66.9467

■ 4.0357, 5.3311,
4.0240

■ 82.0879, 94.0648,
89.4419

■ 1.7223, 2.4428,
1.6385

106.4595,
121.1417, 116.4840

■ 0.4702, 0.8478,
0.3181

135.2325,
152.9720, 148.4916

■ 0.0000, 0.0000,
0.0000

168.7722,

189.9400, 185.8833

207.4440,
232.4301, 229.0775

■ 21.3083, 25.6028,
22.5577

■ 21.3083, 25.6028,
22.5577

■ 18.7476, 24.3667,
18.6768

■ 24.2704, 27.0361,
26.9611

■ 16.5689, 23.3161,
15.2973

■ 27.6479, 28.6714,
31.9035

■ 14.7543, 22.4429,
12.3992

■ 31.4569, 30.5172,
37.4029

■ 13.2838, 21.7373,
9.9606

■ 35.7118, 32.5808,
43.4761

■ 12.1353, 21.1883,
7.9580

■ 40.4267, 34.8688,
50.1388

■ 11.2841, 20.7839,
6.3654

■ 45.6146, 37.3877,
57.4065

■ 10.7018, 20.5099,
5.1545

■ 51.2883, 40.1439,
65.2940

■ 10.3372, 20.3407,
4.2923

■ 57.4601, 43.1434,
73.8153

■ 10.2737, 20.3109,
4.1537

■ 64.1416, 46.3918,
82.9844

Harmonies

Analogous

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



22.6331, 25.6028, 19.4450



21.3083, 25.6028, 22.5577



20.7896, 25.6028, 27.4706

Triad

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



21.3083, 25.6028, 22.5577



24.1923, 25.6028, 39.9921



27.7904, 25.6028, 23.1777

Complementary

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



21.3083, 25.6028, 22.5577



23.0825, 21.1371, 28.0637

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.



28.2615, 25.6028, 28.2876



21.3083, 25.6028, 22.5577



26.1195, 25.6028, 38.4504

Square

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



21.3083, 25.6028, 22.5577



22.3985, 25.6028, 37.9464



27.6349, 25.6028, 33.9732



26.3793, 25.6028, 19.7681

Rectangle

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



21.3083, 25.6028, 22.5577



20.9487, 25.6028, 31.2792



27.6349, 25.6028, 33.9732



28.0672, 25.6028, 24.7311

Sweetspot

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



21.3090, 25.6039, 22.5583



45.0963, 49.2061, 50.6846



24.4577, 27.2555, 21.4248



9.9507, 10.9070, 11.1557



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.3090, 25.6039, 22.5583



35.9964, 44.8054, 37.1368



22.1708, 25.9486, 27.0963



5.3746, 6.0421, 5.9386



8.8184, 17.4232, 3.5977



0.0895, 0.1686, 0.0616

Inverse Universe

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



23.0825, 21.1371, 28.0637



39.8505, 35.0962, 49.0997



22.1775, 20.7751, 23.2983



5.5911, 5.4970, 6.6107



13.0735, 6.3864, 16.5700



0.1312, 0.0636, 0.1912

Previews

White Background



This preview shows how the XYZ color 21.3083, 25.6028, 22.5577 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 21.3083, 25.6028, 22.5577 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

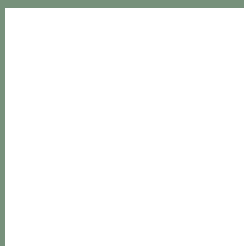
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3083, 25.6028, 22.5577

Background



This preview shows how black text looks on a background with the XYZ color 21.3083, 25.6028, 22.5577.



This preview shows how white text looks on a background with the XYZ color 21.3083, 25.6028,

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

21.3083, 25.6028, 22.5577

Protanopia

24.0953, 25.5286, 21.1103

Deuteranopia

25.7995, 25.3236, 22.9302



Tritanopia

23.5046, 25.6018, 33.4086

Trichromacy



Original Color

21.3083, 25.6028, 22.5577

Protanomaly

23.0684, 25.6401, 21.5025

Deuteranomaly

23.9114, 25.1862, 22.6699

Tritanomaly

22.5068, 25.4067, 28.9170

Monochromacy



Original Color

21.3083, 25.6028, 22.5577

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.3826, 24.7711, 25.0743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3083, 25.6028, 22.5577 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(119, 145, 123)` looks like.

```
.text, #text, p{  
    color:rgb(119, 145, 123)  
}
```

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(119, 145, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 145, 123) }
```

Border

The CSS property to change the border of an element to XYZ 21.3083, 25.6028, 22.5577 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(119, 145, 123) }
```


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

```
.border{ border-color:rgb(119, 145, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 145, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 145, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 145, 123);  
box-shadow:4px 4px 4px 4px rgb(119, 145,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3083, 25.6028, 22.5577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 145, 123) }
```

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

```
.background{ background-color: rgb(119,  
145, 123) }
```

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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