

Converting Colors

XYZ(21.2536, 10.9523, 8.1765)

Have a look what the booklet for
XYZ(21.2536, 10.9523, 8.1765)
contains.

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Color

**XYZ(21.2509, 10.9575,
8.2027)**

Conversions

Conversions Part 1

Format	Color
Hex	B80A4E
RGB	184, 10, 78
RGB Percent	72%, 4%, 31%
CMY	0.2784, 0.9607, 0.6941
CMYK	0.00, 0.95, 0.58, 0.28
HSL	337°, 90%, 38%
HSV	337°, 95%, 72%
XYZ	21.2509, 10.9575, 8.2027
YIQ	69.7780, 81.8760, 58.0360

Conversions

Conversions Part 2

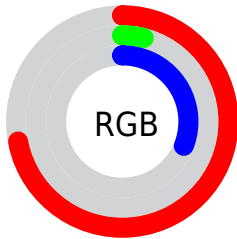
Format	Color
R_{YB}	184, 10, 78
Decimal	12061262
CIE _{Lab}	39.51, 64.21, 11.24
CIE _{LCh}	40, 65.184, 9.926
Yxy	10.9575, 0.5259, 0.2712
Android (android.graphics.Color)	4290251342 (0xFFB80A4E)
YUV	69.7780, 4.0534, 100.1727
Hunter-Lab	33.1021, 56.6648, 8.4794

Details

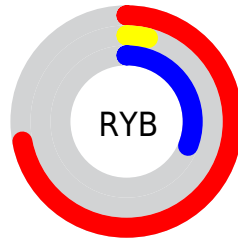
The XYZ color **21.2509, 10.9575, 8.2027** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **20.4202, 35.6073, 22.3292**, and the grayscale version is **5.7715, 6.0720, 6.6125**.

A 20% lighter version of the original color is **45.0853, 27.6221, 23.0340**, and **8.6156, 4.4064, 1.9865** is the 20% darker color. If you saturate the color by 10%, you get **20.9332, 10.6567, 7.0654**, and if you desaturate by 10%, it is **22.0048, 11.7663, 10.6092**.

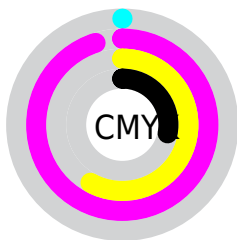
Distribution



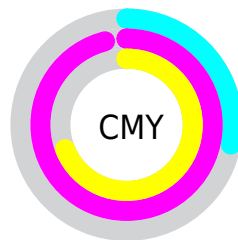
- Red (72%)
- Green (4%)
- Blue (31%)



- Red (72%)
- Yellow (4%)
- Blue (31%)



- Cyan (0%)
- Magenta (95%)
- Yellow (58%)
- Black (28%)





- Cyan (28%)
- Magenta (96%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.2509, 10.9575, 8.2027 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 21.2509, 10.9575, 8.2027 by changing the saturation by 10% instead.


 21.2509, 10.9575,
8.2027


 21.2509, 10.9575,
8.2027


251.3155,
197.3757, 187.3069


 13.4210, 6.0383,
4.1353


 44.9929, 27.5816,
22.9076


 7.7981, 2.8684,
1.6999

 61.6357, 40.0552,
34.3821


 4.0167, 1.0634,
0.3606

 81.9468, 55.8157,
49.1628

 1.7116, 0.0000,
0.0000

 106.2917, 75.2475,
67.6681

 0.4635, 0.0000,
0.0000

 135.0357, 98.7350,
90.3167

 0.0000, 0.0000,
0.0000

 168.5440,

126.6626, 117.5269

207.1822,
159.4147, 149.7175

■ 21.2509, 10.9575,
8.2027

■ 21.2509, 10.9575,
8.2027

■ 20.9332, 10.6567,
7.0654

■ 22.0048, 11.7663,
10.6092

■ 23.0977, 13.1382,
13.4827

■ 24.5750, 15.1593,
16.8534

■ 26.4744, 17.9001,
20.7478

■ 28.8286, 21.4221,
25.1903

■ 31.6671, 25.7800,
30.2033

■ 35.0168, 31.0234,
35.8080

■ 38.9024, 37.1984,
42.0241

■ 43.3470, 44.3474,
48.8707

Harmonies

Analogous

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



20.6301, 10.9575, 22.4068



21.2509, 10.9575, 8.2027



18.4013, 10.9575, 2.1277

Triad

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



21.2509, 10.9575, 8.2027



5.8512, 10.9575, 1.3005



7.7578, 10.9575, 52.5992

Complementary

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



21.2509, 10.9575, 8.2027



20.4202, 35.6073, 22.3292

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.



5.1559, 10.9575, 35.4124



21.2509, 10.9575, 8.2027



4.2911, 10.9575, 5.3671

Square

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



21.2509, 10.9575, 8.2027



9.0153, 10.9575, 0.2734



4.0789, 10.9575, 16.6457



11.9520, 10.9575, 55.6574

Rectangle

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



21.2509, 10.9575, 8.2027



15.2892, 10.9575, 0.8187



4.0789, 10.9575, 16.6457



6.7050, 10.9575, 47.9044

Sweetspot

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



21.2512, 10.9582, 8.2029



60.9836, 52.3152, 60.7984



15.7538, 7.2836, 45.9229



12.5947, 10.4155, 12.1782



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



21.2512, 10.9582, 8.2029



37.8381, 19.2747, 12.2335



20.2239, 11.0160, 1.3485



9.1460, 9.0688, 10.1162



14.4596, 7.3576, 5.0409



0.5404, 0.2716, 0.3393

Inverse Universe

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



21.2512, 10.9582, 8.2029



37.8381, 19.2747, 12.2335



22.5234, 31.0176, 50.1472



9.1460, 9.0688, 10.1162



14.4596, 7.3576, 5.0409



0.5404, 0.2716, 0.3393

Previews

White Background



This preview shows how the XYZ color 21.2509, 10.9575, 8.2027 looks on a white 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

Black 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

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

XYZ 21.2509, 10.9575, 8.2027

Background



This preview shows how black text looks on a background with the XYZ color 21.2509, 10.9575, 8.2027.



This preview shows how white text looks on a background with the XYZ color 21.2509, 10.9575,

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

21.2509, 10.9575, 8.2027

Protanopia

11.2977, 11.4218, 17.2320

Deuteranopia

11.5287, 11.3691, 7.3812



Tritanopia

20.0552, 11.0770, 2.3774

Trichromacy



Original Color

21.2509, 10.9575, 8.2027

Protanomaly

12.5352, 8.8351, 13.1013

Deuteranomaly

13.4065, 9.3296, 7.3975

Tritanomaly

20.3886, 10.9339, 3.8322

Monochromacy



Original Color

21.2509, 10.9575, 8.2027

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

8.8151, 5.9745, 6.9919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2509, 10.9575, 8.2027 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(184, 10, 78)` looks like.

```
.text, #text, p{  
    color:rgb(184, 10, 78)  
}
```

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(184, 10, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 10, 78) }
```

Border

The CSS property to change the border of an element to XYZ 21.2509, 10.9575, 8.2027 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(184, 10, 78) }
```


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

```
.border{ border-color:rgb(184, 10, 78) }
```

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

Here you see how a box with a 4 pixel rgb(184, 10, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 10, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 10, 78);  
box-shadow:4px 4px 4px 4px rgb(184, 10,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2509, 10.9575, 8.2027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 10, 78) }
```

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

```
.background{ background-color: rgb(184, 10,  
78) }
```

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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