

Converting Colors

XYZ(20.1413, 20.3047, 23.4973)

Have a look what the booklet for
XYZ(20.1413, 20.3047, 23.4973)
contains.

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Color

**XYZ(20.1279, 20.2499,
23.6166)**

Conversions

Conversions Part 1

Format	Color
Hex	827A81
RGB	130, 122, 129
RGB Percent	51%, 48%, 51%
CMY	0.4902, 0.5216, 0.4941
CMYK	0.00, 0.06, 0.01, 0.49
HSL	308°, 3%, 49%
HSV	308°, 6%, 51%
XYZ	20.1279, 20.2499, 23.6166
YIQ	125.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

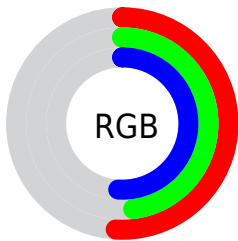
Format	Color
R_{YB}	130, 122, 129
Decimal	8551041
CIE Lab	52.12, 4.41, -2.72
CIE LCh	52, 5.184, 328.349
Yxy	20.2499, 0.3145, 0.3164
Android (android.graphics.Color)	4286741121 (0xFF827A81)
YUV	125.1900, 1.8783, 4.2184
Hunter-Lab	44.9999, 1.0911, 0.3837

Details

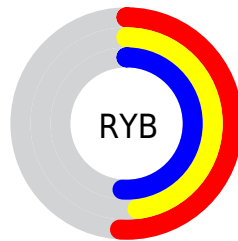
The XYZ color **20.1279, 20.2499, 23.6166** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5846, 21.5334, 21.8642**, and the grayscale version is **19.5508, 20.5689, 22.3996**.

A 20% lighter version of the original color is **43.1080, 43.7168, 50.4221**, and **7.2239, 7.0936, 8.5779** is the 20% darker color. If you saturate the color by 10%, you get **18.5303, 17.2260, 22.5554**, and if you desaturate by 10%, it is **21.9419, 23.7034, 24.7589**.

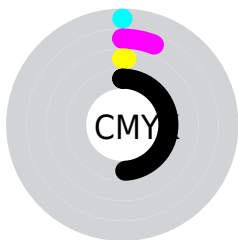
Distribution



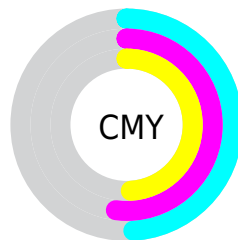
- Red (51%)
- Green (48%)
- Blue (51%)



- Red (51%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1279, 20.2499, 23.6166 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 20.1279, 20.2499, 23.6166 by changing the saturation by 10% instead.

■ 20.1279, 20.2499,
23.6166

■ 20.1279, 20.2499,
23.6166

245.4271,
253.2648, 284.1002

■ 12.5969, 12.5768,
14.8399

■ 43.1338, 43.8358,
50.3398

■ 7.2266, 7.1378,
8.5617

■ 59.3394, 60.5173,
69.1233

■ 3.6518, 3.5484,
4.3635

■ 79.1672, 80.9706,
92.0796

■ 1.5071, 1.4243,
1.8268

102.9826,
105.5798, 119.6271

■ 0.3307, 0.2345,
0.4456

131.1509,
134.7294, 152.1844

■ 0.0000, 0.0000,
0.0000

164.0375,

168.8039, 190.1699

202.0078,
208.1875, 234.0024

■ 20.1279, 20.2499,
23.6166

■ 20.1279, 20.2499,
23.6166

■ 18.5303, 17.2260,
22.5554

■ 21.9419, 23.7034,
24.7589

■ 17.1390, 14.6121,
21.5711

■ 23.9786, 27.5996,
25.9838

■ 15.9455, 12.3912,
20.6612

■ 26.2461, 31.9547,
27.2941

■ 14.9402, 10.5441,
19.8224

■ 28.7515, 36.7829,
28.6923

■ 14.1127, 9.0498,
19.0512

■ 31.5018, 42.0980,
30.1808

■ 13.4515, 7.8853,
18.3437

■ 34.5035, 47.9131,
31.7618

■ 12.9437, 7.0250,
17.6956

■ 37.7630, 54.2410,
33.4374

■ 12.5745, 6.4394,
17.1019

■ 41.2864, 61.0939,
35.2097

■ 12.3187, 6.0778,
16.5542

■ 45.0796, 68.4836,
37.0808

Harmonies

Analogous

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



19.7351, 20.2499, 24.7194



20.1279, 20.2499, 23.6166



20.2841, 20.2499, 22.1329

Triad

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



20.1279, 20.2499, 23.6166



19.2763, 20.2499, 19.2570



18.3636, 20.2499, 23.4644

Complementary

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



20.1279, 20.2499, 23.6166



19.5846, 21.5334, 21.8642

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.



18.2457, 20.2499, 21.9647



20.1279, 20.2499, 23.6166



18.7669, 20.2499, 19.5776

Square

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



20.1279, 20.2499, 23.6166



19.7869, 20.2499, 19.6554



18.3920, 20.2499, 20.5518



18.7169, 20.2499, 24.6288

Rectangle

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



20.1279, 20.2499, 23.6166



20.2309, 20.2499, 21.1422



18.3920, 20.2499, 20.5518



18.2954, 20.2499, 22.9807

Sweetspot

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



20.1285, 20.2508, 23.6170



36.7123, 38.0669, 42.3995



19.1485, 19.7379, 23.9199



8.3201, 8.6362, 9.6035



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



20.1285, 20.2508, 23.6170



35.1472, 35.0929, 41.3965



19.8721, 20.1482, 22.2668



4.5445, 4.5338, 5.3547



11.7270, 5.7105, 15.6842



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.1285, 20.2508, 23.6170



35.1472, 35.0929, 41.3965



19.8358, 21.6339, 23.1868



4.5445, 4.5338, 5.3547



11.7270, 5.7105, 15.6842



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 20.1279, 20.2499, 23.6166 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 20.1279, 20.2499, 23.6166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

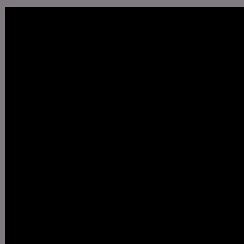
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.1279, 20.2499, 23.6166

Background



This preview shows how black text looks on a background with the XYZ color 20.1279, 20.2499, 23.6166.



This preview shows how white text looks on a background with the XYZ color 20.1279, 20.2499,

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

20.1279, 20.2499, 23.6166

Protanopia

19.6944, 20.3870, 24.0162

Deuteranopia

20.6313, 20.3281, 23.6052



Tritanopia

20.2622, 20.3036, 24.3238

Trichromacy



Original Color

20.1279, 20.2499, 23.6166

Protanomaly

19.8646, 20.2896, 23.9884

Deuteranomaly

20.4727, 20.2463, 23.5978

Tritanomaly

20.1947, 20.2766, 23.9685

Monochromacy



Original Color

20.1279, 20.2499, 23.6166

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.7259, 20.4337, 22.6431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1279, 20.2499, 23.6166 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(130, 122, 129) looks like.

```
.text, #text, p{  
    color:rgb(130, 122, 129)  
}
```

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(130, 122, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 122, 129) }
```

Border

The CSS property to change the border of an element to XYZ 20.1279, 20.2499, 23.6166 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(130, 122, 129) }
```


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

```
.border{ border-color:rgb(130, 122, 129) }
```

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

Here you see how a box with a 4 pixel rgb(130, 122, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 122, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 122, 129);  
box-shadow:4px 4px 4px 4px rgb(130, 122,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1279, 20.2499, 23.6166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 122, 129) }
```

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

```
.background{ background-color: rgb(130,  
122, 129) }
```

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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