

Converting Colors

XYZ(20.5757, 21.4757, 29.8488)

Have a look what the booklet for
XYZ(20.5757, 21.4757, 29.8488)
contains.

XYZ(20.5757, 21.4757, 29.8488)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.5757, 21.4757,
29.8488)**

Conversions

Conversions Part 1

Format	Color
Hex	788091
RGB	120, 128, 145
RGB Percent	47%, 50%, 57%
CMY	0.5294, 0.4980, 0.4314
CMYK	0.17, 0.12, 0.00, 0.43
HSL	221°, 10%, 52%
HSV	221°, 17%, 57%
XYZ	20.5757, 21.4757, 29.8488
YIQ	127.5460, -10.2250, 3.5910

Conversions

Conversions Part 2

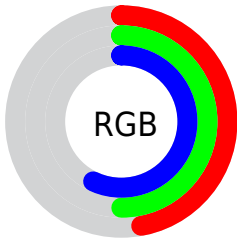
Format	Color
RYB	120, 126, 145
Decimal	7897233
CIELab	53.47, 0.80, -10.15
CIELCh	53, 10.185, 274.495
Yxy	21.4757, 0.2862, 0.2987
Android (android.graphics.Color)	4286087313 (0xFF788091)
YUV	127.5460, 8.6048, -6.6178
Hunter-Lab	46.3419, -1.8447, -5.7494

Details

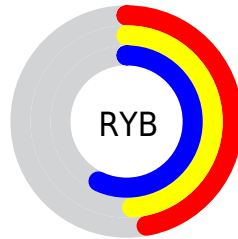
The XYZ color **20.5757, 21.4757, 29.8488** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0130, 25.2671, 21.3812**, and the grayscale version is **20.3350, 21.3940, 23.2981**.

A 20% lighter version of the original color is **43.8459, 45.9419, 60.5896**, and **7.4601, 7.7578, 11.9307** is the 20% darker color. If you saturate the color by 10%, you get **17.4910, 18.0688, 29.3541**, and if you desaturate by 10%, it is **24.0912, 25.2914, 30.4004**.

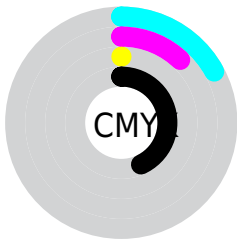
Distribution



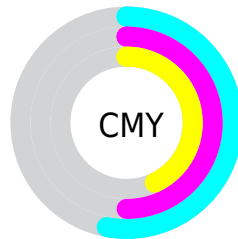
- Red (47%)
- Green (50%)
- Blue (57%)



- Red (47%)
- Yellow (49%)
- Blue (57%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)
- Black (43%)



- Cyan (53%)
- Magenta (50%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5757, 21.4757, 29.8488 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 20.5757, 21.4757, 29.8488 by changing the saturation by 10% instead.

■ 20.5757, 21.4757,
29.8488

■ 20.5757, 21.4757,
29.8488

247.7895,
259.7959, 315.3844

■ 12.9249, 13.4722,
19.4728

■ 43.8769, 45.8779,
60.4812

■ 7.4535, 7.7545,
11.8321

■ 60.2581, 63.0454,
81.5746

■ 3.7961, 3.9382,
6.5083

■ 80.2800, 84.0362,
107.0775

■ 1.5875, 1.6391,
3.0828

104.3081,
109.2349, 137.4086

■ 0.3842, 0.3837,
1.1371

132.7078,
139.0259, 172.9862

■ 0.0000, 0.0000,
0.0000

165.8443,

173.7934, 214.2291

204.0831,
213.9219, 261.5556

■ 20.5757, 21.4757,
29.8488

■ 20.5757, 21.4757,
29.8488

■ 17.4910, 18.0688,
29.3541

■ 24.0912, 25.2914,
30.4004

■ 14.8180, 15.0538,
28.9131

■ 28.0518, 29.5265,
31.0091

■ 12.5389, 12.4166,
28.5242

■ 32.4735, 34.1947,
31.6771

■ 10.6339, 10.1413,
28.1854

■ 37.3707, 39.3083,
32.4060

■ 9.0813, 8.2104,
27.8945

■ 42.7576, 44.8788,
33.1973

■ 7.8569, 6.6052,
27.6492

■ 48.6474, 50.9177,
34.0525

■ 6.9332, 5.3046,
27.4468

■ 55.0529, 57.4356,
34.9730

■ 6.2647, 4.2776,
27.2839

■ 61.9865, 64.4432,
35.9601

■ 6.1039, 4.0305,
27.2446

■ 69.4601, 71.9506,
37.0153

Harmonies

Analogous

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



19.5282, 21.4757, 29.1912



20.5757, 21.4757, 29.8488



21.6145, 21.4757, 28.6525

Triad

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



20.5757, 21.4757, 29.8488



22.1773, 21.4757, 20.1651



18.5892, 21.4757, 20.9077

Complementary

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



20.5757, 21.4757, 29.8488



24.0130, 25.2671, 21.3812

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.



19.2549, 21.4757, 18.8034



20.5757, 21.4757, 29.8488



21.3221, 21.4757, 18.4020

Square

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



20.5757, 21.4757, 29.8488



22.5597, 21.4757, 22.9189



20.2492, 21.4757, 17.9263



18.4051, 21.4757, 23.8541

Rectangle

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



20.5757, 21.4757, 29.8488



22.1550, 21.4757, 27.0218



20.2492, 21.4757, 17.9263



18.7629, 21.4757, 20.0872

Sweetspot

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



20.5763, 21.4766, 29.8493



44.5908, 46.8491, 54.6661



22.3630, 26.0408, 27.3898



9.8247, 10.3201, 12.1464



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.



20.5763, 21.4766, 29.8493



34.4379, 35.8123, 53.0710



20.1640, 19.7753, 29.5426



5.2617, 5.5193, 6.8168



5.2570, 3.4999, 23.3756



0.0685, 0.0699, 0.2296

Inverse Universe

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



22.2903, 21.0117, 23.3039



38.1708, 34.8985, 38.7931



24.4721, 27.2553, 21.7407



5.4756, 5.4508, 6.0024



10.4566, 5.3397, 2.7898



0.1092, 0.0547, 0.0751

Previews

White Background



This preview shows how the XYZ color 20.5757, 21.4757, 29.8488 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 20.5757, 21.4757, 29.8488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

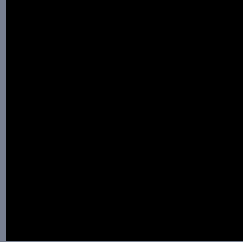
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

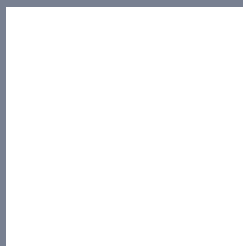
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5757, 21.4757, 29.8488

Background



This preview shows how black text looks on a background with the XYZ color 20.5757, 21.4757, 29.8488.



This preview shows how white text looks on a background with the XYZ color 20.5757, 21.4757,

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

20.5757, 21.4757, 29.8488

Protanopia

21.0809, 21.5523, 29.4345

Deuteranopia

21.7560, 21.3159, 30.1618



Tritanopia

20.1182, 21.4865, 27.5131

Trichromacy



Original Color

20.5757, 21.4757, 29.8488

Protanomaly

20.7918, 21.4033, 29.4210

Deuteranomaly

21.2743, 21.2546, 30.1754

Tritanomaly

20.2657, 21.5455, 28.2899

Monochromacy



Original Color

20.5757, 21.4757, 29.8488

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.4797, 21.5195, 25.6285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5757, 21.4757, 29.8488 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(120, 128, 145)` looks like.

```
.text, #text, p{  
    color:rgb(120, 128, 145)  
}
```

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(120, 128, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 128, 145) }
```

Border

The CSS property to change the border of an element to XYZ 20.5757, 21.4757, 29.8488 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(120, 128, 145) }
```


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

```
.border{ border-color:rgb(120, 128, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 128, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 128, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 128, 145);  
box-shadow:4px 4px 4px 4px rgb(120, 128,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5757, 21.4757, 29.8488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 128, 145) }
```

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

```
.background{ background-color: rgb(120,  
128, 145) }
```

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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