

Converting Colors

XYZ(20.7741, 21.1288, 27.3836)

Have a look what the booklet for
XYZ(20.7741, 21.1288, 27.3836)
contains.

XYZ(20.7462, 21.0433, 27.3944)	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(20.7462, 21.0433,
27.3944)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7D8B
RGB	127, 125, 139
RGB Percent	50%, 49%, 55%
CMY	0.5020, 0.5098, 0.4549
CMYK	0.09, 0.10, 0.00, 0.45
HSL	249°, 6%, 52%
HSV	249°, 10%, 55%
XYZ	20.7462, 21.0433, 27.3944
YIQ	127.1940, -3.3020, 4.7780

Conversions

Conversions Part 2

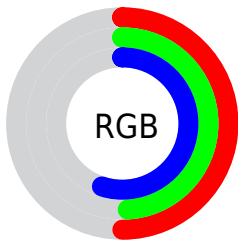
Format	Color
R _Y B	127, 125, 139
Decimal	8355211
CIE Lab	53.00, 3.65, -7.30
CIE LCh	53, 8.160, 296.557
Yxy	21.0433, 0.2999, 0.3042
Android (android.graphics.Color)	4286545291 (0xFF7F7D8B)
YUV	127.1940, 5.8204, -0.1701
Hunter-Lab	45.8730, 0.4495, -3.2957

Details

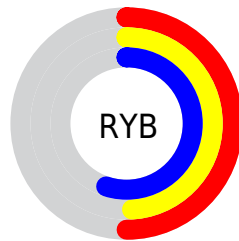
The XYZ color **20.7462, 21.0433, 27.3944** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.2515, 25.2648, 23.0541**, and the grayscale version is **20.2214, 21.2745, 23.1679**.

A 20% lighter version of the original color is **44.2572, 45.3499, 56.2900**, and **7.5295, 7.5099, 10.5039** is the 20% darker color. If you saturate the color by 10%, you get **17.4374, 16.9061, 26.7706**, and if you desaturate by 10%, it is **24.5124, 25.7831, 28.1111**.

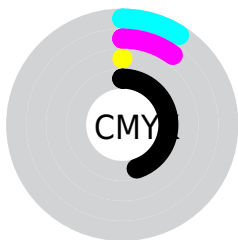
Distribution



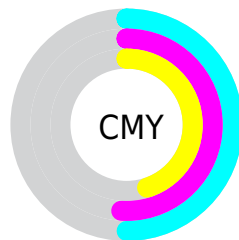
- Red (50%)
- Green (49%)
- Blue (55%)



- Red (50%)
- Yellow (49%)
- Blue (55%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7462, 21.0433, 27.3944 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 20.7462, 21.0433, 27.3944 by changing the saturation by 10% instead.

■ 20.7462, 21.0433,
27.3944

■ 20.7462, 21.0433,
27.3944

248.6839,
257.5085, 303.3821

■ 13.0500, 13.1557,
17.6346

■ 44.1592, 45.1596,
56.5275

■ 7.5402, 7.5358,
10.5212

■ 60.6068, 62.1570,
76.7379

■ 3.8515, 3.7994,
5.6358

■ 80.7021, 82.9598,
101.2689

■ 1.6185, 1.5620,
2.5597

104.8107,
107.9524, 130.5391

■ 0.4044, 0.3318,
0.8716

133.2978,
137.5192, 164.9669

■ 0.0000, 0.0000,
0.0000

166.5288,

172.0445, 204.9710

204.8691,
211.9129, 250.9699

■ 20.7462, 21.0433,
27.3944

■ 20.7462, 21.0433,
27.3944

■ 17.4374, 16.9061,
26.7706

■ 24.5124, 25.7831,
28.1111

■ 14.5667, 13.3446,
26.2344

■ 28.7507, 31.1455,
28.9228

■ 12.1162, 10.3341,
25.7825

■ 33.4774, 37.1529,
29.8332

■ 10.0659, 7.8469,
25.4105

■ 38.7074, 43.8258,
30.8455

■ 8.3943, 5.8528,
25.1137

■ 44.4551, 51.1840,
31.9629

7.0777, 4.3186,
24.8869

50.7341, 59.2460,
33.1881

6.0897, 3.2070,
24.7245

57.5577, 68.0301,
34.5239

5.4003, 2.4748,
24.6195

64.9387, 77.5535,
35.9731

4.9456, 2.0112,
24.5539

72.8894, 87.8332,
37.5382

Harmonies

Analogous

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



19.9023, 21.0433, 27.9490



20.7462, 21.0433, 27.3944



21.4066, 21.0433, 25.6106

Triad

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



20.7462, 21.0433, 27.3944



20.9222, 21.0433, 19.1989



18.4022, 21.0433, 22.6306

Complementary

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



20.7462, 21.0433, 27.3944



23.2515, 25.2648, 23.0541

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.



18.6584, 21.0433, 20.4110



20.7462, 21.0433, 27.3944



20.1001, 21.0433, 18.5208

Square

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



20.7462, 21.0433, 27.3944



21.5102, 21.0433, 20.8684



19.2739, 21.0433, 18.9484



18.5642, 21.0433, 25.0860

Rectangle

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



20.7462, 21.0433, 27.3944



21.6455, 21.0433, 24.0263



19.2739, 21.0433, 18.9484



18.4421, 21.0433, 21.8338

Sweetspot

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



20.7468, 21.0442, 27.3949



41.7900, 43.5156, 49.9398



22.0829, 24.1539, 27.9247



9.5098, 9.8764, 11.4845



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.



20.7468, 21.0442, 27.3949



35.7865, 35.9721, 48.8001



21.8048, 21.5896, 27.4444



4.8368, 4.9243, 6.3014



4.4732, 1.8202, 22.1612



0.0371, 0.0159, 0.1476

Inverse Universe

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



22.4971, 21.9632, 26.7214



39.5524, 37.9499, 47.3327



22.1613, 24.7028, 23.0031



5.2037, 5.1169, 6.1610



12.6283, 6.1614, 16.3449



0.0878, 0.0425, 0.1291

Previews

White Background



This preview shows how the XYZ color 20.7462, 21.0433, 27.3944 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 20.7462, 21.0433, 27.3944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

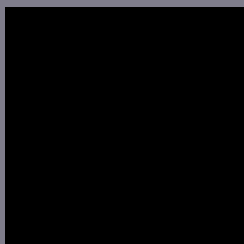
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

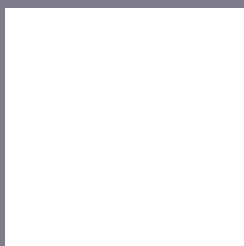
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7462, 21.0433, 27.3944

Background



This preview shows how black text looks on a background with the XYZ color 20.7462, 21.0433, 27.3944.



This preview shows how white text looks on a background with the XYZ color 20.7462, 21.0433,

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

20.7462, 21.0433, 27.3944

Protanopia

20.5785, 21.1458, 27.4230

Deuteranopia

21.4160, 21.0165, 27.3539



Tritanopia

20.5090, 21.1349, 26.2911

Trichromacy



Original Color

20.7462, 21.0433, 27.3944

Protanomaly

20.7252, 21.2214, 27.4299

Deuteranomaly

21.2279, 21.1047, 27.3809

Tritanomaly

20.5804, 21.1635, 26.6672

Monochromacy



Original Color

20.7462, 21.0433, 27.3944

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.3100, 21.0724, 24.4697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7462, 21.0433, 27.3944 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(127, 125, 139)` looks like.

```
.text, #text, p{  
    color:rgb(127, 125, 139)  
}
```

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(127, 125, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 125, 139) }
```

Border

The CSS property to change the border of an element to XYZ 20.7462, 21.0433, 27.3944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

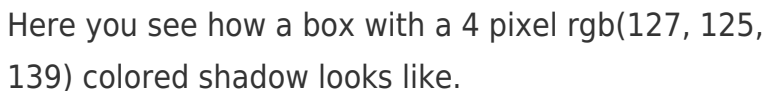
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 125, 139) }
```


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

```
.border{ border-color:rgb(127, 125, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 125, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 125, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 125, 139); box-shadow:4px 4px 4px 4px rgb(127, 125, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7462, 21.0433, 27.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 125, 139) }
```

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

```
.background{ background-color: rgb(127,  
125, 139) }
```

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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