

Converting Colors

XYZ(20.7337, 21.8527, 27.7381)

Have a look what the booklet for
XYZ(20.7337, 21.8527, 27.7381)
contains.

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Color

**XYZ(20.6788, 21.7755,
27.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	7B818B
RGB	123, 129, 139
RGB Percent	48%, 51%, 55%
CMY	0.5176, 0.4941, 0.4549
CMYK	0.12, 0.07, 0.00, 0.45
HSL	217°, 6%, 51%
HSV	217°, 12%, 55%
XYZ	20.6788, 21.7755, 27.5393
YIQ	128.3460, -6.7860, 1.8380

Conversions

Conversions Part 2

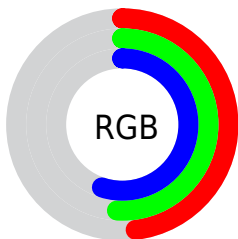
Format	Color
RYP	123, 127, 139
Decimal	8094091
CIELab	53.79, -0.09, -6.16
CIElCh	54, 6.158, 269.181
Yxy	21.7755, 0.2954, 0.3111
Android (android.graphics.Color)	4286284171 (0xFF7B818B)
YUV	128.3460, 5.2524, -4.6884
Hunter-Lab	46.6642, -2.5618, -2.3256

Details

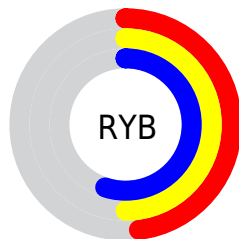
The XYZ color **20.6788, 21.7755, 27.5393** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6102, 23.6940, 22.1210**, and the grayscale version is **20.6224, 21.6964, 23.6274**.

A 20% lighter version of the original color is **44.1469, 46.4918, 56.5162**, and **7.4959, 7.9144, 10.5838** is the 20% darker color. If you saturate the color by 10%, you get **17.7340, 18.6310, 27.0879**, and if you desaturate by 10%, it is **24.0045, 25.2619, 28.0373**.

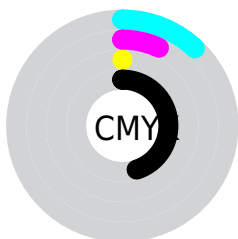
Distribution



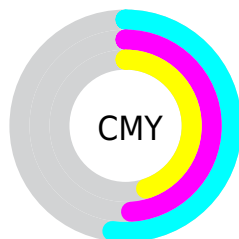
- Red (48%)
- Green (51%)
- Blue (55%)



- Red (48%)
- Yellow (50%)
- Blue (55%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (45%)



- Cyan (52%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6788, 21.7755, 27.5393 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 20.6788, 21.7755, 27.5393 by changing the saturation by 10% instead.

■ 20.6788, 21.7755,
27.5393

■ 20.6788, 21.7755,
27.5393

248.3307,
261.3716, 304.1013

■ 13.0005, 13.6920,
17.7427

■ 44.0477, 46.3747,
56.7623

■ 7.5059, 7.9068,
10.5979

■ 60.4690, 63.6592,
77.0257

■ 3.8296, 4.0354,
5.6864

■ 80.5354, 84.7794,
101.6151

■ 1.6062, 1.6934,
2.5896

104.6122,
110.1199, 130.9491

■ 0.3964, 0.4194,
0.8871

133.0647,
140.0650, 165.4462

■ 0.0000, 0.0000,
0.0000

166.2585,

174.9990, 205.5249

204.5586,
215.3064, 251.6037

■ 20.6788, 21.7755,
27.5393

■ 20.6788, 21.7755,
27.5393

■ 17.7340, 18.6310,
27.0879

■ 24.0045, 25.2619,
28.0373

■ 15.1540, 15.8148,
26.6803

■ 27.7227, 29.0979,
28.5818

■ 12.9242, 13.3163,
26.3156

■ 31.8467, 33.2944,
29.1744

■ 11.0283, 11.1232,
25.9922

■ 36.3889, 37.8608,
29.8164

■ 9.4487, 9.2222,
25.7085

■ 41.3607, 42.8062,
30.5089

■ 8.1659, 7.5992,
25.4628

■ 46.7736, 48.1395,
31.2531

■ 7.1580, 6.2384,
25.2533

■ 52.6381, 53.8692,
32.0499

■ 6.3997, 5.1220,
25.0778

■ 58.9647, 60.0036,
32.9005

■ 5.8946, 4.3327,
24.9521

■ 65.7635, 66.5505,
33.8059

Harmonies

Analogous

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



20.0525, 21.7755, 26.9756



20.6788, 21.7755, 27.5393



21.3229, 21.7755, 27.0323

Triad

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



20.6788, 21.7755, 27.5393



21.8267, 21.7755, 21.9788



19.6244, 21.7755, 21.8932

Complementary

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



20.6788, 21.7755, 27.5393



22.6102, 23.6940, 22.1210

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.



20.0834, 21.7755, 20.6714



20.6788, 21.7755, 27.5393



21.3550, 21.7755, 20.7189

Square

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



20.6788, 21.7755, 27.5393



21.9941, 21.7755, 23.7619



20.7151, 21.7755, 20.2529



19.4518, 21.7755, 23.6578

Rectangle

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



20.6788, 21.7755, 27.5393



21.6739, 21.7755, 26.1699



20.7151, 21.7755, 20.2529



19.7498, 21.7755, 21.4089

Sweetspot

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



20.6794, 21.7764, 27.5398



42.0160, 44.2280, 50.0653



21.6258, 24.3663, 25.7058



9.5742, 10.0793, 11.5203



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.



20.6794, 21.7764, 27.5398



35.4917, 37.3630, 49.0841



20.1815, 20.3803, 27.2966



4.9184, 5.1797, 6.3464



5.3356, 3.9415, 22.5252



0.0487, 0.0527, 0.1541

Inverse Universe

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



21.6933, 21.2403, 23.7263



37.7172, 36.2315, 40.7036



23.1465, 25.2253, 22.3883



5.1054, 5.0776, 5.6436



10.1800, 5.1821, 3.4520



0.0743, 0.0371, 0.0582

Previews

White Background



This preview shows how the XYZ color 20.6788, 21.7755, 27.5393 looks on a white background.

Color Contrast Check

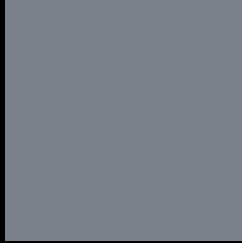
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6788, 21.7755, 27.5393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

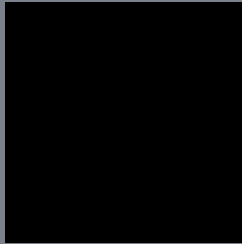
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

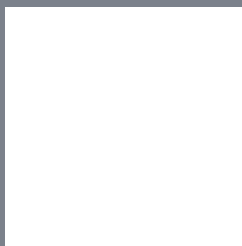
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6788, 21.7755, 27.5393

Background



This preview shows how black text looks on a background with the XYZ color 20.6788, 21.7755, 27.5393.

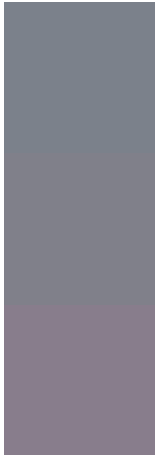


This preview shows how white text looks on a background with the XYZ color 20.6788, 21.7755,

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

20.6788, 21.7755, 27.5393

Protanopia

21.2087, 21.8625, 27.1468

Deuteranopia

22.2206, 21.7949, 27.8466



Tritanopia

20.6788, 21.7755, 27.5393

Trichromacy



Original Color

20.6788, 21.7755, 27.5393

Protanomaly

20.9108, 21.7089, 27.1329

Deuteranomaly

21.5546, 21.6405, 27.8519

Tritanomaly

20.6788, 21.7755, 27.5393

Monochromacy



Original Color

20.6788, 21.7755, 27.5393

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.4882, 21.5399, 24.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6788, 21.7755, 27.5393 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(123, 129, 139) looks like.

```
.text, #text, p{  
    color:rgb(123, 129, 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(123, 129, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 129, 139) }
```

Border

The CSS property to change the border of an element to XYZ 20.6788, 21.7755, 27.5393 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(123, 129, 139) }
```


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

```
.border{ border-color:rgb(123, 129, 139) }
```

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

Here you see how a box with a 4 pixel rgb(123, 129, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 129, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 129, 139);  
box-shadow:4px 4px 4px 4px rgb(123, 129,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6788, 21.7755, 27.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 129, 139) }
```

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

```
.background{ background-color: rgb(123,  
129, 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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