

Converting Colors

XYZ(20.7752, 23.0447, 26.2347)

Have a look what the booklet for
XYZ(20.7752, 23.0447, 26.2347)
contains.

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Color

**XYZ(20.7829, 23.0703,
26.2793)**

Conversions

Conversions Part 1

Format	Color
Hex	788787
RGB	120, 135, 135
RGB Percent	47%, 53%, 53%
CMY	0.5294, 0.4706, 0.4706
CMYK	0.11, 0.00, 0.00, 0.47
HSL	180°, 6%, 50%
HSV	180°, 11%, 53%
XYZ	20.7829, 23.0703, 26.2793
YIQ	130.5150, -8.9400, -3.1800

Conversions

Conversions Part 2

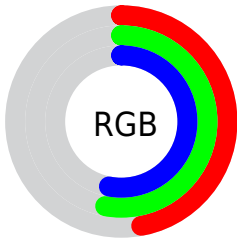
Format	Color
R_{YB}	120, 128, 135
Decimal	7899015
CIE Lab	55.14, -5.43, -1.86
CIE LCh	55, 5.741, 198.895
Yxy	23.0703, 0.2963, 0.3290
Android (android.graphics.Color)	4286089095 (0xFF788787)
YUV	130.5150, 2.2111, -9.2217
Hunter-Lab	48.0316, -6.8196, 1.1830

Details

The XYZ color **20.7829, 23.0703, 26.2793** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.0992, 19.9406, 20.5600**, and the grayscale version is **21.3959, 22.5101, 24.5135**.

A 20% lighter version of the original color is **44.0736, 48.3679, 54.5900**, and **7.4867, 8.4925, 9.8389** is the 20% darker color. If you saturate the color by 10%, you get **19.0411, 22.1730, 26.1976**, and if you desaturate by 10%, it is **22.7900, 24.1056, 26.3744**.

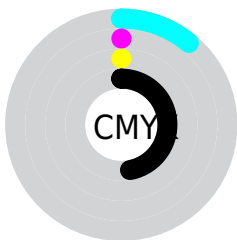
Distribution



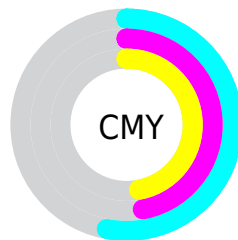
- Red (47%)
- Green (53%)
- Blue (53%)



- Red (47%)
- Yellow (50%)
- Blue (53%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7829, 23.0703, 26.2793 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 20.7829, 23.0703, 26.2793 by changing the saturation by 10% instead.

■ 20.7829, 23.0703,
26.2793

■ 20.7829, 23.0703,
26.2793

248.8761,
268.0859, 297.7994

■ 13.0770, 14.6454,
16.8051

■ 44.2199, 48.5087,
54.7148

■ 7.5589, 8.5709,
9.9351

■ 60.6818, 66.2911,
74.5131

■ 3.8635, 4.4624,
5.2509

■ 80.7929, 87.9614,
98.5899

■ 1.6252, 1.9354,
2.3339

104.9187,
113.9040, 127.3637

■ 0.4087, 0.5695,
0.7501

133.4246,
144.5034, 161.2530

■ 0.0000, 0.0000,
0.0000

166.6759,

180.1439, 200.6763

205.0379,
221.2099, 246.0523

■ 20.7829, 23.0703,
26.2793

■ 20.7829, 23.0703,
26.2793

■ 19.0411, 22.1730,
26.1976

■ 22.7900, 24.1056,
26.3744

■ 17.5517, 21.4052,
26.1272

■ 25.0709, 25.2814,
26.4818

■ 16.3035, 20.7617,
26.0681

■ 27.6359, 26.6037,
26.6026

■ 15.2839, 20.2361,
26.0196

■ 30.4943, 28.0773,
26.7371

■ 14.4790, 19.8212,
25.9813

■ 33.6551, 29.7067,
26.8857

■ 13.8735, 19.5091,
25.9523

■ 37.1267, 31.4964,
27.0488

■ 13.4500, 19.2908,
25.9317

■ 40.9173, 33.4505,
27.2269

■ 13.1882, 19.1558,
25.9188

■ 45.0348, 35.5731,
27.4203

■ 13.0365, 19.0776,
25.9111

■ 49.4868, 37.8682,
27.6294

Harmonies

Analogous

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



20.7411, 23.0703, 24.4464



20.7829, 23.0703, 26.2793



21.1278, 23.0703, 27.8723

Triad

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



20.7829, 23.0703, 26.2793



22.8688, 23.0703, 27.5107



22.1657, 23.0703, 21.8150

Complementary

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



20.7829, 23.0703, 26.2793



20.0992, 19.9406, 20.5600

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.



22.7473, 23.0703, 22.5545



20.7829, 23.0703, 26.2793



23.1585, 23.0703, 25.8051

Square

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



20.7829, 23.0703, 26.2793



22.3289, 23.0703, 28.6068



23.1136, 23.0703, 23.9946



21.5312, 23.0703, 21.9281

Rectangle

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



20.7829, 23.0703, 26.2793



21.4871, 23.0703, 28.5561



23.1136, 23.0703, 23.9946



22.3741, 23.0703, 21.9706

Sweetspot

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



20.7836, 23.0713, 26.2798



40.0701, 42.7847, 47.1943



19.8353, 22.6960, 21.1051



9.2152, 9.8752, 10.9266



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.7836, 23.0713, 26.2798



36.4981, 40.9433, 47.0259



19.8062, 21.1163, 25.9548



4.8016, 5.2789, 5.9665



12.0207, 17.5911, 23.8921



0.0416, 0.0609, 0.0828

Inverse Universe

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



20.0992, 19.9406, 20.5600



35.0533, 34.3343, 34.9512



21.0044, 21.7512, 20.8611



4.6726, 4.6887, 4.8882



9.2137, 4.7498, 0.4317



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 20.7829, 23.0703, 26.2793 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 20.7829, 23.0703, 26.2793 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

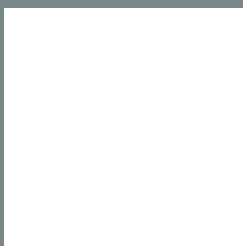
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7829, 23.0703, 26.2793

Background



This preview shows how black text looks on a background with the XYZ color 20.7829, 23.0703, 26.2793.



This preview shows how white text looks on a background with the XYZ color 20.7829, 23.0703,

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

20.7829, 23.0703, 26.2793

Protanopia

22.1815, 22.9944, 25.4596

Deuteranopia

23.3184, 22.9667, 26.4966



Tritanopia

21.5852, 23.2014, 29.7262

Trichromacy



Original Color

20.7829, 23.0703, 26.2793

Protanomaly

21.6076, 22.8909, 25.8338

Deuteranomaly

22.3917, 23.0785, 26.5670

Tritanomaly

21.2180, 23.0382, 28.5278

Monochromacy



Original Color

20.7829, 23.0703, 26.2793

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.1685, 22.6805, 25.0919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7829, 23.0703, 26.2793 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, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(120, 135, 135)  
}
```

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, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 135, 135) }
```

Border

The CSS property to change the border of an element to XYZ 20.7829, 23.0703, 26.2793 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, 135, 135) }
```


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

```
.border{ border-color:rgb(120, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(120, 135,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7829, 23.0703, 26.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 135, 135) }
```

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

```
.background{ background-color: rgb(120,  
135, 135) }
```

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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