

Converting Colors

XYZ(23.6817, 26.2109, 20.0309)

Have a look what the booklet for
XYZ(23.6817, 26.2109, 20.0309)
contains.

XYZ(23.7520, 26.2465, 20.0339)	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(23.7520, 26.2465,
20.0339)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8E73
RGB	141, 142, 115
RGB Percent	55%, 56%, 45%
CMY	0.4471, 0.4431, 0.5490
CMYK	0.01, 0.00, 0.19, 0.44
HSL	62°, 11%, 50%
HSV	62°, 19%, 56%
XYZ	23.7520, 26.2465, 20.0339
YIQ	138.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

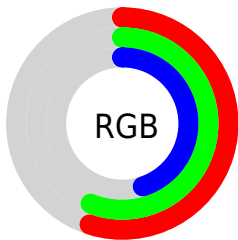
Format	Color
RYB	115, 142, 116
Decimal	9277043
CIELab	58.27, -5.19, 14.30
CIELCh	58, 15.213, 109.961
Yxy	26.2465, 0.3392, 0.3748
Android (android.graphics.Color)	4287467123 (0xFF8D8E73)
YUV	138.6230, -11.6461, 2.0846
Hunter-Lab	51.2313, -6.8982, 12.6767

Details

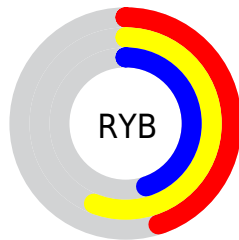
The XYZ color **23.7520, 26.2465, 20.0339** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.2167, 17.9282, 28.0930**, and the grayscale version is **24.4374, 25.7101, 27.9982**.

A 20% lighter version of the original color is **49.2207, 53.8720, 44.3633**, and **9.1546, 10.2837, 6.8126** is the 20% darker color. If you saturate the color by 10%, you get **22.9078, 25.8994, 16.0526**, and if you desaturate by 10%, it is **24.7239, 26.6465, 24.6794**.

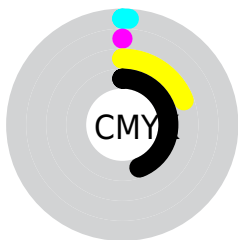
Distribution



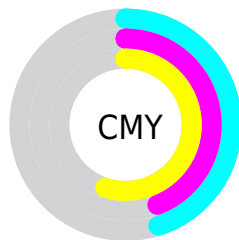
- Red (55%)
- Green (56%)
- Blue (45%)



- Red (45%)
- Yellow (56%)
- Blue (45%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7520, 26.2465, 20.0339 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 23.7520, 26.2465, 20.0339 by changing the saturation by 10% instead.

■ 23.7520, 26.2465,
20.0339

■ 23.7520, 26.2465,
20.0339

264.0281,
283.9900, 264.7089

■ 15.2735, 17.0081,
12.2354

■ 49.0828, 53.6723,
44.3337

■ 9.0991, 10.2403,
6.7797

■ 66.6659, 72.6286,
61.6721

■ 4.8635, 5.5586,
3.2484

■ 88.0144, 95.5930,
83.0275

■ 2.2013, 2.5786,
1.2228

113.4939,
122.9498, 108.8185

■ 0.7434, 0.9159,
0.0000

143.4697,
155.0836, 139.4636

■ 0.0000, 0.0000,
0.0000

178.3070,

192.3786, 175.3813

218.3714,
235.2193, 216.9902

■ 23.7520, 26.2465,
20.0339

■ 23.7520, 26.2465,
20.0339

■ 22.9078, 25.8994,
16.0526

■ 24.7239, 26.6465,
24.6794

■ 22.1835, 25.5994,
12.7035

■ 25.8268, 27.0982,
30.0158

■ 21.5737, 25.3452,
9.9546

■ 27.0666, 27.6045,
36.0703

■ 21.0714, 25.1341,
7.7705

■ 28.4479, 28.1676,
42.8680

■ 20.6694, 24.9632,
6.1118

■ 29.9753, 28.7892,
50.4331

■ 20.3592, 24.8290,
4.9343

■ 31.6533, 29.4710,
58.7885

■ 20.1310, 24.7277,
4.1865

■ 33.4859, 30.2147,
67.9562

■ 19.9616, 24.6499,
3.7460

■ 35.4772, 31.0220,
77.9573

■ 19.9455, 24.6424,
3.7052

■ 37.6311, 31.8943,
88.8122

Harmonies

Analogous

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



25.5716, 26.2465, 19.6762



23.7520, 26.2465, 20.0339



22.3216, 26.2465, 22.5138

Triad

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



23.7520, 26.2465, 20.0339



22.7279, 26.2465, 37.1066



28.6148, 26.2465, 30.3904

Complementary

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



23.7520, 26.2465, 20.0339



18.2167, 17.9282, 28.0930

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.



27.7696, 26.2465, 35.6436



23.7520, 26.2465, 20.0339



24.3317, 26.2465, 39.8262

Square

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



23.7520, 26.2465, 20.0339



21.7509, 26.2465, 32.1980



26.1804, 26.2465, 39.2600



28.4407, 26.2465, 25.2400

Rectangle

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



23.7520, 26.2465, 20.0339



21.7524, 26.2465, 25.2281



26.1804, 26.2465, 39.2600



28.4390, 26.2465, 32.2119

Sweetspot

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



23.7527, 26.2477, 20.0345



44.1340, 47.2068, 46.1101



20.4846, 19.4570, 18.8960



9.8344, 10.5343, 10.1874



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.



23.7527, 26.2477, 20.0345



41.1917, 45.9981, 32.0522



21.6105, 25.1433, 19.9342



5.8200, 6.2754, 5.7939



17.9106, 22.1258, 3.3267



0.1752, 0.2136, 0.0320

Inverse Universe

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



18.2167, 17.9282, 28.0930



29.5071, 28.4380, 49.0618



20.1282, 18.9136, 28.1824



5.1470, 5.2640, 6.7735



4.4466, 1.7859, 23.0874



0.0455, 0.0186, 0.2209

Previews

White Background



This preview shows how the XYZ color 23.7520, 26.2465, 20.0339 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 23.7520, 26.2465, 20.0339 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

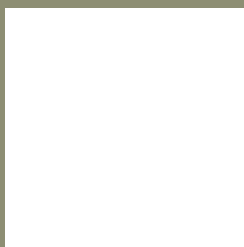
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.7520, 26.2465, 20.0339

Background



This preview shows how black text looks on a background with the XYZ color 23.7520, 26.2465, 20.0339.



This preview shows how white text looks on a background with the XYZ color 23.7520, 26.2465,

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

23.7520, 26.2465, 20.0339

Protanopia

24.6281, 26.2670, 19.6916

Deuteranopia

26.7167, 26.2703, 20.1855



Tritanopia

25.9680, 26.0492, 31.6763

Trichromacy



Original Color

23.7520, 26.2465, 20.0339

Protanomaly

24.2392, 26.2844, 19.7154

Deuteranomaly

25.5673, 26.3079, 20.2534

Tritanomaly

25.1782, 26.1721, 27.0172

Monochromacy



Original Color

23.7520, 26.2465, 20.0339

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2226, 25.9433, 24.8500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7520, 26.2465, 20.0339 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(141, 142, 115)` looks like.

```
.text, #text, p{  
    color:rgb(141, 142, 115)  
}
```

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(141, 142, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 142, 115) }
```

Border

The CSS property to change the border of an element to XYZ 23.7520, 26.2465, 20.0339 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(141, 142, 115) }
```


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

```
.border{ border-color:rgb(141, 142, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 142, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 142, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 142, 115);  
box-shadow:4px 4px 4px 4px rgb(141, 142,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7520, 26.2465, 20.0339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 142, 115) }
```

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

```
.background{ background-color: rgb(141,  
142, 115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor