

Converting Colors

XYZ(23.0161, 27.9273, 22.2359)

Have a look what the booklet for
XYZ(23.0161, 27.9273, 22.2359)
contains.

XYZ(22.9752, 27.8737, 22.2584)	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(22.9752, 27.8737,
22.2584)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9779
RGB	125, 151, 121
RGB Percent	49%, 59%, 47%
CMY	0.5098, 0.4078, 0.5255
CMYK	0.17, 0.00, 0.20, 0.41
HSL	112°, 13%, 53%
HSV	112°, 20%, 59%
XYZ	22.9752, 27.8737, 22.2584
YIQ	139.8060, -5.8660, -14.8420

Conversions

Conversions Part 2

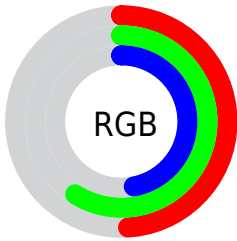
Format	Color
R_{YB}	121, 151, 147
Decimal	8230777
CIE _{Lab}	59.77, -15.15, 12.83
CIE _{LCh}	60, 19.851, 139.740
Yxy	27.8737, 0.3143, 0.3813
Android (android.graphics.Color)	4286420857 (0xFF7D9779)
YUV	139.8060, -9.2714, -12.9849
Hunter-Lab	52.7955, -14.7138, 11.9604

Details

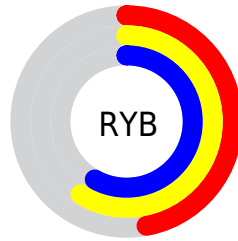
The XYZ color **22.9752, 27.8737, 22.2584** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.4572, 22.1130, 32.2589**, and the grayscale version is **24.8890, 26.1852, 28.5157**.

A 20% lighter version of the original color is **47.7342, 56.1448, 47.8563**, and **8.7074, 11.1187, 7.8181** is the 20% darker color. If you saturate the color by 10%, you get **20.3345, 26.6119, 17.6736**, and if you desaturate by 10%, it is **26.0141, 29.3256, 27.6198**.

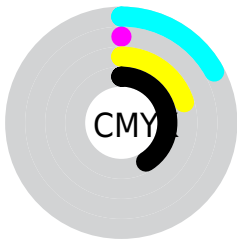
Distribution



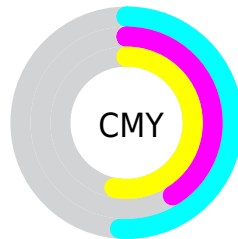
- Red (49%)
- Green (59%)
- Blue (47%)



- Red (47%)
- Yellow (59%)
- Blue (58%)



- Cyan (17%)
- Magenta (0%)
- Yellow (20%)
- Black (41%)



- Cyan (51%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9752, 27.8737, 22.2584 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 22.9752, 27.8737, 22.2584 by changing the saturation by 10% instead.

■ 22.9752, 27.8737,
22.2584

■ 22.9752, 27.8737,
22.2584

260.1353,
291.8629, 276.8901

■ 14.6958, 18.2305,
13.8468

■ 47.8196, 56.2827,
48.0804

■ 8.6911, 11.1156,
7.8766

■ 65.1152, 75.8173,
66.3278

■ 4.5957, 6.1446,
3.9295

■ 86.1470, 99.4178,
88.6908

■ 2.0444, 2.9332,
1.5867

111.2803,
127.4687, 115.5881

■ 0.6587, 1.0970,
0.2813

140.8804,
160.3542, 147.4381

■ 0.0000, 0.0000,
0.0000

175.3127,

198.4588, 184.6595

214.9425,
242.1669, 227.6706

■ 22.9752, 27.8737,
22.2584

■ 22.9752, 27.8737,
22.2584

■ 20.3345, 26.6119,
17.6736

■ 26.0141, 29.3256,
27.6198

■ 18.0734, 25.5291,
13.8275

■ 29.4647, 30.9715,
33.7894

■ 16.1749, 24.6180,
10.6822

■ 33.3422, 32.8192,
40.7994

■ 14.6199, 23.8698,
8.1954

■ 37.6606, 34.8755,
48.6798

■ 13.3876, 23.2748,
6.3202

■ 42.4333, 37.1466,
57.4588

■ 12.4549, 22.8221,
5.0039

■ 47.6731, 39.6384,
67.1638

■ 11.7952, 22.4995,
4.1843

■ 53.3922, 42.3568,
77.8205

■ 11.3629, 22.2867,
3.7086

■ 59.6023, 45.3071,
89.4541

■ 11.3583, 22.2844,
3.7027

■ 66.0067, 48.3716,
100.4655

Harmonies

Analogous

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



24.8949, 27.8737, 19.1019



22.9752, 27.8737, 22.2584



22.0185, 27.8737, 27.9517

Triad

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



22.9752, 27.8737, 22.2584



25.6420, 27.8737, 46.0994



31.3048, 27.8737, 25.9129

Complementary

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



22.9752, 27.8737, 22.2584



24.4572, 22.1130, 32.2589

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.



31.5363, 27.8737, 32.8811



22.9752, 27.8737, 22.2584



28.1583, 27.8737, 45.3220

Square

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



22.9752, 27.8737, 22.2584



23.4924, 27.8737, 42.1782



30.3530, 27.8737, 40.1968



29.7391, 27.8737, 20.9694

Rectangle

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



22.9752, 27.8737, 22.2584



22.0117, 27.8737, 32.7508



30.3530, 27.8737, 40.1968



31.5449, 27.8737, 28.0690

Sweetspot

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



22.9759, 27.8749, 22.2590



48.8140, 53.5791, 53.4298



26.6487, 28.8286, 22.2495



11.0143, 12.1394, 12.0002



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.9759, 27.8749, 22.2590



38.8769, 48.8339, 35.9053



23.1175, 27.8654, 25.9907



6.2049, 6.9631, 6.6228



9.6773, 18.9647, 3.1505



0.1620, 0.2925, 0.0479

Inverse Universe

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



24.4572, 22.1130, 32.2589



42.0394, 36.5240, 57.2678



24.3345, 22.1483, 27.8045



6.3802, 6.2819, 7.8052



12.7155, 6.0061, 25.3968



0.2097, 0.0999, 0.3806

Previews

White Background



This preview shows how the XYZ color 22.9752, 27.8737, 22.2584 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 22.9752, 27.8737, 22.2584 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 22.9752, 27.8737, 22.2584

Background



This preview shows how black text looks on a background with the XYZ color 22.9752, 27.8737, 22.2584.



This preview shows how white text looks on a background with the XYZ color 22.9752, 27.8737,

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

22.9752, 27.8737, 22.2584

Protanopia

25.9822, 27.6047, 20.7884

Deuteranopia

28.2436, 27.6315, 22.9136



Tritanopia

25.8105, 27.8517, 36.3633

Trichromacy



Original Color

22.9752, 27.8737, 22.2584

Protanomaly

24.7042, 27.6166, 21.1680

Deuteranomaly

25.9753, 27.5590, 22.6893

Tritanomaly

24.7540, 27.8913, 30.8669

Monochromacy



Original Color

22.9752, 27.8737, 22.2584

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.1986, 26.7909, 26.0861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9752, 27.8737, 22.2584 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(125, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(125, 151, 121)  
}
```

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(125, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 151, 121) }
```

Border

The CSS property to change the border of an element to XYZ 22.9752, 27.8737, 22.2584 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(125, 151, 121) }
```


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

```
.border{ border-color:rgb(125, 151, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 151, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 151, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 151, 121);  
box-shadow:4px 4px 4px 4px rgb(125, 151,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9752, 27.8737, 22.2584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 151, 121) }
```

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

```
.background{ background-color: rgb(125,  
151, 121) }
```

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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