

Converting Colors

XYZ(23.2163, 28.4727, 22.6845)

Have a look what the booklet for
XYZ(23.2163, 28.4727, 22.6845)
contains.

XYZ(23.2163, 28.4727, 22.6845)	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(23.2163, 28.4727,
22.6845)**

Conversions

Conversions Part 1

Format	Color
Hex	7C997A
RGB	124, 153, 122
RGB Percent	49%, 60%, 48%
CMY	0.5137, 0.4000, 0.5216
CMYK	0.19, 0.00, 0.20, 0.40
HSL	116°, 13%, 54%
HSV	116°, 20%, 60%
XYZ	23.2163, 28.4727, 22.6845
YIQ	140.7950, -7.3330, -15.7890

Conversions

Conversions Part 2

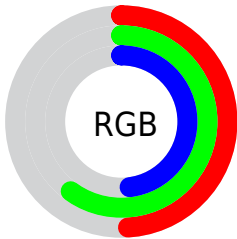
Format	Color
RYB	122, 153, 151
Decimal	8165754
CIELab	60.31, -16.39, 13.01
CIElCh	60, 20.923, 141.549
Yxy	28.4727, 0.3122, 0.3828
Android (android.graphics.Color)	4286355834 (0xFF7C997A)
YUV	140.7950, -9.2659, -14.7292
Hunter-Lab	53.3598, -15.7162, 12.1463

Details

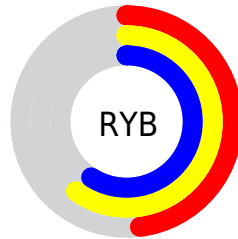
The XYZ color **23.2163, 28.4727, 22.6845** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.4729, 22.7991, 33.1965**, and the grayscale version is **25.2750, 26.5912, 28.9579**.

A 20% lighter version of the original color is **48.0843, 57.0288, 48.5177**, and **8.8556, 11.4796, 8.0524** is the 20% darker color. If you saturate the color by 10%, you get **20.4215, 27.1338, 17.9886**, and if you desaturate by 10%, it is **26.4622, 30.0285, 28.1819**.

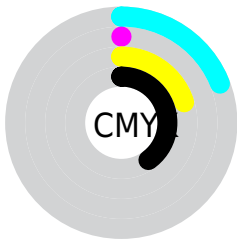
Distribution



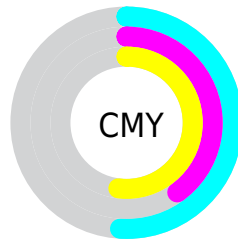
- Red (49%)
- Green (60%)
- Blue (48%)



- Red (48%)
- Yellow (60%)
- Blue (59%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)



- Cyan (51%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2163, 28.4727, 22.6845 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 23.2163, 28.4727, 22.6845 by changing the saturation by 10% instead.

■ 23.2163, 28.4727,
22.6845

■ 23.2163, 28.4727,
22.6845

261.3487,
294.7188, 279.1696

■ 14.8749, 18.6823,
14.1576

■ 48.2123, 57.2382,
48.7914

■ 8.8174, 11.4409,
8.0904

■ 65.5976, 76.9822,
67.2084

■ 4.6784, 6.3642,
4.0642

■ 86.7282, 100.8127,
89.7593

■ 2.0926, 3.0678,
1.6606

111.9695,
129.1143, 116.8625

■ 0.6852, 1.1672,
0.3336

141.6868,
162.2713, 148.9366

■ 0.0000, 0.0347,
0.0000

176.2456,

■ 0.0000, 0.0000,

200.6682, 186.4001

0.0000

216.0111,
244.6892, 229.6716

■ 23.2163, 28.4727,
22.6845

■ 23.2163, 28.4727,
22.6845

■ 20.4215, 27.1338,
17.9886

■ 26.4622, 30.0285,
28.1819

■ 18.0557, 25.9988,
14.0550

■ 30.1755, 31.8065,
34.5138

■ 16.0983, 25.0588,
10.8441

■ 34.3745, 33.8162,
41.7135

■ 14.5262, 24.3027,
8.3120

■ 39.0760, 36.0655,
49.8122

■ 13.3137, 23.7185,
6.4098

■ 44.2957, 38.5620,
58.8393

■ 12.4325, 23.2927,
5.0824

■ 50.0489, 41.3128,
68.8230

■ 11.8494, 23.0096,
4.2649

■ 56.3500, 44.3249,
79.7903

■ 11.5153, 22.8473,
3.8030

■ 63.2131, 47.6050,
91.7669

■ 69.8849, 50.8527,
100.7400

Harmonies

Analogous

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



25.2096, 28.4727, 19.1802



23.2163, 28.4727, 22.6845



22.2690, 28.4727, 28.8788

Triad

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



23.2163, 28.4727, 22.6845



26.3106, 28.4727, 48.0528



32.1554, 28.4727, 25.8808

Complementary

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



23.2163, 28.4727, 22.6845



25.4729, 22.7991, 33.1965

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.



32.4987, 28.4727, 33.2266



23.2163, 28.4727, 22.6845



29.0039, 28.4727, 46.8928

Square

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



23.2163, 28.4727, 22.6845



23.9765, 28.4727, 44.0867



31.3115, 28.4727, 41.1382



30.4024, 28.4727, 20.8020

Rectangle

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



23.2163, 28.4727, 22.6845



22.3116, 28.4727, 34.0582



31.3115, 28.4727, 41.1382



32.4439, 28.4727, 28.1342

Sweetspot

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



23.2171, 28.4739, 22.6851



50.0404, 55.0451, 54.9820



27.7068, 30.2906, 22.7991



10.9657, 12.1144, 11.9979



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.



23.2171, 28.4739, 22.6851



39.3724, 49.9345, 36.9112



23.8219, 28.6828, 27.3636



6.1672, 6.9437, 6.6211



9.5279, 18.8877, 3.1435



0.1510, 0.2868, 0.0474

Inverse Universe

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



25.4729, 22.7991, 33.1965



44.1086, 38.0167, 58.9852



24.7991, 22.5728, 27.6946



6.4219, 6.3034, 7.8072



14.1437, 6.7424, 25.4637



0.2217, 0.1061, 0.3812

Previews

White Background



This preview shows how the XYZ color 23.2163, 28.4727, 22.6845 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 23.2163, 28.4727, 22.6845 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 23.2163, 28.4727, 22.6845

Background



This preview shows how black text looks on a background with the XYZ color 23.2163, 28.4727, 22.6845.



This preview shows how white text looks on a background with the XYZ color 23.2163, 28.4727,

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

23.2163, 28.4727, 22.6845

Protanopia

26.7218, 28.4288, 21.2185

Deuteranopia

28.8056, 28.3438, 23.3547



Tritanopia

26.1410, 28.4637, 37.3740

Trichromacy



Original Color

23.2163, 28.4727, 22.6845

Protanomaly

25.2474, 28.3514, 21.5944

Deuteranomaly

26.5260, 28.2853, 23.1303

Tritanomaly

24.9967, 28.4772, 31.3733

Monochromacy



Original Color

23.2163, 28.4727, 22.6845

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.4201, 27.1229, 26.5024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2163, 28.4727, 22.6845 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(124, 153, 122)` looks like.

```
.text, #text, p{  
    color:rgb(124, 153, 122)  
}
```

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(124, 153, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 153, 122) }
```

Border

The CSS property to change the border of an element to XYZ 23.2163, 28.4727, 22.6845 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(124, 153, 122) }
```


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

```
.border{ border-color:rgb(124, 153, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 153, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 153, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 153, 122);  
box-shadow:4px 4px 4px 4px rgb(124, 153,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2163, 28.4727, 22.6845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 153, 122) }
```

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

```
.background{ background-color: rgb(124,  
153, 122) }
```

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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