

Converting Colors

XYZ(23.7982, 30.3876, 22.6631)

Have a look what the booklet for
XYZ(23.7982, 30.3876, 22.6631)
contains.

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Color

**XYZ(23.7345, 30.2417,
22.6755)**

Conversions

Conversions Part 1

Format	Color
Hex	799F79
RGB	121, 159, 121
RGB Percent	47%, 62%, 47%
CMY	0.5255, 0.3765, 0.5255
CMYK	0.24, 0.00, 0.24, 0.38
HSL	120°, 17%, 55%
HSV	120°, 24%, 62%
XYZ	23.7345, 30.2417, 22.6755
YIQ	143.3060, -10.4500, -19.8740

Conversions

Conversions Part 2

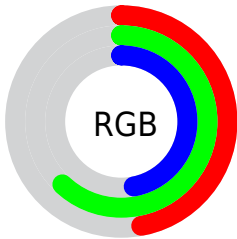
Format	Color
RYB	121, 159, 159
Decimal	7970681
CIELab	61.86, -20.75, 15.70
CIElCh	62, 26.021, 142.898
Yxy	30.2417, 0.3096, 0.3945
Android (android.graphics.Color)	4286160761 (0xFF799F79)
YUV	143.3060, -10.9969, -19.5624
Hunter-Lab	54.9925, -19.1970, 14.0472

Details

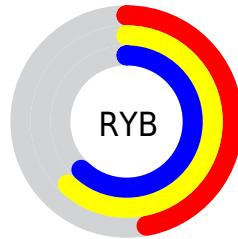
The XYZ color **23.7345, 30.2417, 22.6755** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.3945, 23.5495, 35.9038**, and the grayscale version is **26.2770, 27.6454, 30.1059**.

A 20% lighter version of the original color is **49.0450, 60.1089, 48.5524**, and **9.0259, 12.3229, 8.0337** is the 20% darker color. If you saturate the color by 10%, you get **20.7913, 28.8288, 17.8607**, and if you desaturate by 10%, it is **27.2074, 31.9108, 28.3554**.

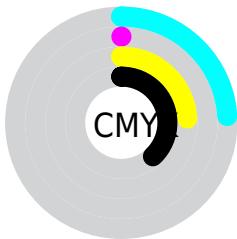
Distribution



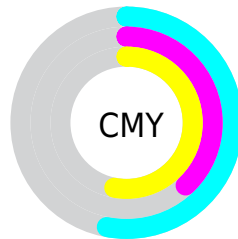
- Red (47%)
- Green (62%)
- Blue (47%)



- Red (47%)
- Yellow (62%)
- Blue (62%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (38%)



- Cyan (53%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7345, 30.2417, 22.6755 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 23.7345, 30.2417, 22.6755 by changing the saturation by 10% instead.

■ 23.7345, 30.2417,
22.6755

■ 23.7345, 30.2417,
22.6755

263.9409,
303.0294, 279.1216

■ 15.2605, 20.0221,
14.1510

■ 49.0544, 60.0442,
48.7764

■ 9.0899, 12.4111,
8.0858

■ 66.6310, 80.3959,
67.1899

■ 4.8574, 7.0243,
4.0614

■ 87.9725, 104.8938,
89.7368

■ 2.1978, 3.4773,
1.6591

113.4443,
133.9222, 116.8356

■ 0.7416, 1.3857,
0.3325

143.4116,
167.8656, 148.9050

■ 0.0000, 0.2062,
0.0000

178.2399,

■ 0.0000, 0.0000,

207.1083, 186.3634

0.0000

218.2946,
252.0348, 229.6295

■ 23.7345, 30.2417,
22.6755

■ 23.7345, 30.2417,
22.6755

■ 20.7913, 28.8288,
17.8607

■ 27.2074, 31.9108,
28.3554

■ 18.3494, 27.6559,
13.8666

■ 31.2316, 33.8438,
34.9376

■ 16.3818, 26.7107,
10.6481

■ 35.8305, 36.0529,
42.4599

■ 14.8575, 25.9785,
8.1549

■ 41.0255, 38.5483,
50.9572

■ 13.7423, 25.4428,
6.3306

■ 46.8367, 41.3398,
60.4624

■ 12.9966, 25.0846,
5.1109

■ 53.2836, 44.4365,
71.0073

■ 12.5733, 24.8813,
4.4185

■ 60.3844, 47.8474,
82.6219

■ 12.3987, 24.7975,
4.1330

■ 68.1570, 51.5810,
95.3352

■ 71.6887, 53.2775,
101.1129

Harmonies

Analogous

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



26.2202, 30.2417, 18.2515



23.7345, 30.2417, 22.6755



22.6068, 30.2417, 30.6169

Triad

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



23.7345, 30.2417, 22.6755



27.9251, 30.2417, 55.8175



35.3531, 30.2417, 26.0258

Complementary

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



23.7345, 30.2417, 22.6755



27.3945, 23.5495, 35.9038

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.



35.9018, 30.2417, 35.3527



23.7345, 30.2417, 22.6755



31.4244, 30.2417, 53.9036

Square

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



23.7345, 30.2417, 22.6755



24.8964, 30.2417, 50.6817



34.4126, 30.2417, 45.8818



32.9685, 30.2417, 19.8960

Rectangle

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



23.7345, 30.2417, 22.6755



22.7069, 30.2417, 37.3896



34.4126, 30.2417, 45.8818



35.7658, 30.2417, 28.8364

Sweetspot

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



23.7353, 30.2430, 22.6762



53.4900, 59.4362, 58.5756



30.1487, 33.5492, 22.9761



11.9692, 13.3566, 13.0586



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.7353, 30.2430, 22.6762



39.4131, 52.6743, 35.5505



25.0178, 30.7560, 29.4297



6.5508, 7.4011, 7.0690



9.7925, 19.5849, 3.2642



0.1751, 0.3502, 0.0584

Inverse Universe

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



27.3945, 23.5495, 35.9038



47.1934, 38.4425, 63.6755



25.8700, 22.9398, 27.8761



6.9042, 6.7546, 8.3465



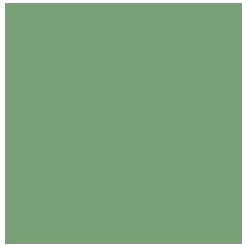
16.2357, 7.7988, 26.5558



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 23.7345, 30.2417, 22.6755 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.7345, 30.2417, 22.6755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

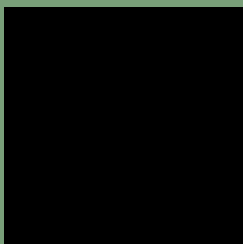
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 23.7345, 30.2417, 22.6755

Background



This preview shows how black text looks on a background with the XYZ color 23.7345, 30.2417, 22.6755.



This preview shows how white text looks on a background with the XYZ color 23.7345, 30.2417,

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

23.7345, 30.2417, 22.6755

Protanopia

28.1979, 30.1268, 20.8519

Deuteranopia

30.4738, 29.8708, 23.2283



Tritanopia

27.2360, 30.1662, 39.9845

Trichromacy



Original Color

23.7345, 30.2417, 22.6755

Protanomaly

26.3383, 30.1102, 21.5632

Deuteranomaly

27.4595, 29.6973, 23.0238

Tritanomaly

25.7503, 30.0482, 32.8765

Monochromacy



Original Color

23.7345, 30.2417, 22.6755

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.1123, 28.3951, 27.0789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7345, 30.2417, 22.6755 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(121, 159, 121)` looks like.

```
.text, #text, p{  
    color:rgb(121, 159, 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(121, 159, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 159, 121) }
```

Border

The CSS property to change the border of an element to XYZ 23.7345, 30.2417, 22.6755 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(121, 159, 121) }
```


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

```
.border{ border-color:rgb(121, 159, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 159, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 159, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 159, 121);  
box-shadow:4px 4px 4px 4px rgb(121, 159,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7345, 30.2417, 22.6755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 159, 121) }
```

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

```
.background{ background-color: rgb(121,  
159, 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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