

Converting Colors

XYZ(23.6856, 32.5564, 22.5692)

Have a look what the booklet for
XYZ(23.6856, 32.5564, 22.5692)
contains.

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Color

**XYZ(23.7628, 32.6522,
22.5028)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA877
RGB	110, 168, 119
RGB Percent	43%, 66%, 47%
CMY	0.5686, 0.3412, 0.5333
CMYK	0.35, 0.00, 0.29, 0.34
HSL	129°, 25%, 55%
HSV	129°, 35%, 66%
XYZ	23.7628, 32.6522, 22.5028
YIQ	145.0720, -18.8390, -27.5350

Conversions

Conversions Part 2

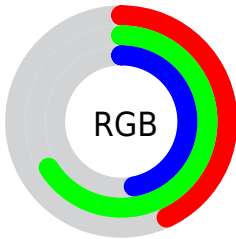
Format	Color
RYB	110, 160, 168
Decimal	7252087
CIELab	63.88, -29.32, 19.47
CIELCh	64, 35.197, 146.406
Yxy	32.6522, 0.3011, 0.4137
Android (android.graphics.Color)	4285442167 (0xFF6EA877)
YUV	145.0720, -12.8535, -30.7581
Hunter-Lab	57.1421, -25.7687, 16.6508

Details

The XYZ color **23.7628, 32.6522, 22.5028** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.9835, 21.9805, 35.5699**, and the grayscale version is **26.9997, 28.4058, 30.9339**.

A 20% lighter version of the original color is **49.1106, 64.0381, 48.3003**, and **9.1545, 13.8628, 7.9876** is the 20% darker color. If you saturate the color by 10%, you get **21.0778, 31.3602, 18.2552**, and if you desaturate by 10%, it is **26.9732, 34.2022, 27.4410**.

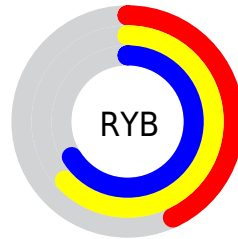
Distribution



Red (43%)

Green (66%)

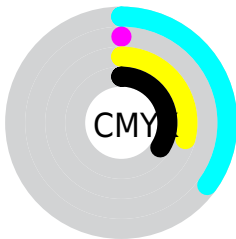
Blue (47%)



Red (43%)

Yellow (63%)

Blue (66%)

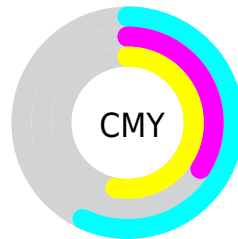


Cyan (35%)

Magenta (0%)

Yellow (29%)

Black (34%)



Cyan (57%)

Magenta (34%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7628, 32.6522, 22.5028 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 23.7628, 32.6522, 22.5028 by changing the saturation by 10% instead.

■ 23.7628, 32.6522,
22.5028

■ 23.7628, 32.6522,
22.5028

264.0819,
314.0796, 278.1996

■ 15.2815, 21.8601,
14.0250

■ 49.1003, 63.8321,
48.4884

■ 9.1048, 13.7542,
7.9991

■ 66.6873, 84.9888,
66.8333

■ 4.8673, 7.9499,
4.0066

■ 88.0403, 110.3692,
89.3043

■ 2.2036, 4.0629,
1.6290

■ 113.5246,
140.3576, 116.3199

■ 0.7446, 1.7088,
0.3114

143.5055,
175.3384, 148.2987

■ 0.0000, 0.4294,
0.0000

178.3485,

■ 0.0000, 0.0000,

215.6961, 185.6592

0.0000

218.4188,
261.8150, 228.8200

■ 23.7628, 32.6522,
22.5028

■ 23.7628, 32.6522,
22.5028

■ 21.0778, 31.3602,
18.2552

■ 26.9732, 34.2022,
27.4410

■ 18.8874, 30.3082,
14.6652

■ 30.7324, 36.0188,
33.0963

■ 17.1619, 29.4825,
11.7007


■ 35.0654, 38.1154,
39.4965


■ 15.8669, 28.8662,
9.3258


■ 39.9950, 40.5031,
46.6675


■ 14.9635, 28.4399,
7.5009


■ 45.5428, 43.1926,
54.6335


 14.4049, 28.1805,
6.1816

 51.7293, 46.1937,
63.4181

 14.1905, 28.0815,
5.6538

 58.5738, 49.5163,
73.0437

 66.0952, 53.1693,
83.5318

 71.9919, 55.9660,
94.7947

Harmonies

Analogous

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



26.9917, 32.6522, 16.3006



23.7628, 32.6522, 22.5028



22.4721, 32.6522, 33.8712

Triad

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



23.7628, 32.6522, 22.5028



30.4421, 32.6522, 70.2860



40.3640, 32.6522, 24.7559

Complementary

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



23.7628, 32.6522, 22.5028



27.9835, 21.9805, 35.5699

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.



41.5360, 32.6522, 37.2890



23.7628, 32.6522, 22.5028



35.4631, 32.6522, 65.9817

Square

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



23.7628, 32.6522, 22.5028



26.0610, 32.6522, 63.4346



39.6573, 32.6522, 52.8680



36.6046, 32.6522, 17.3378

Rectangle

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



23.7628, 32.6522, 22.5028



22.7708, 32.6522, 43.8206



39.6573, 32.6522, 52.8680



41.0898, 32.6522, 28.3963

Sweetspot

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



23.7637, 32.6536, 22.5035



59.0488, 66.9464, 64.9282



31.1761, 36.5343, 20.1607



12.6439, 14.4820, 13.8168



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



23.7637, 32.6536, 22.5035



39.5057, 57.5107, 35.1402



25.7556, 33.4503, 32.9928



7.4825, 8.4260, 8.2608



10.7284, 21.2101, 4.3365



0.2746, 0.5215, 0.1771

Inverse Universe

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



27.9835, 21.9805, 35.5699



48.2665, 35.3339, 62.2540



25.7748, 21.0971, 23.9391



7.7911, 7.6463, 9.2174



15.8931, 7.7659, 20.0463



0.3997, 0.1942, 0.5564

Previews

White Background



This preview shows how the XYZ color 23.7628, 32.6522, 22.5028 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 23.7628, 32.6522, 22.5028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

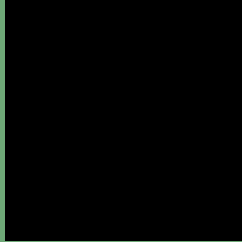
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 23.7628, 32.6522, 22.5028

Background



This preview shows how black text looks on a background with the XYZ color 23.7628, 32.6522, 22.5028.



This preview shows how white text looks on a background with the XYZ color 23.7628, 32.6522,

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

23.7628, 32.6522, 22.5028

Protanopia

30.2621, 32.4104, 20.2836

Deuteranopia

32.7555, 32.1936, 23.2265



Tritanopia

28.2700, 32.6107, 44.8489

Trichromacy



Original Color

23.7628, 32.6522, 22.5028

Protanomaly

27.3467, 32.1451, 20.9829

Deuteranomaly

28.5606, 31.7179, 23.0292

Tritanomaly

26.4443, 32.6659, 35.4832

Monochromacy



Original Color

23.7628, 32.6522, 22.5028

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.3509, 29.4656, 27.6438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7628, 32.6522, 22.5028 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(110, 168, 119)` looks like.

```
.text, #text, p{  
    color:rgb(110, 168, 119)  
}
```

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(110, 168, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 168, 119) }
```

Border

The CSS property to change the border of an element to XYZ 23.7628, 32.6522, 22.5028 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(110, 168, 119) }
```


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

```
.border{ border-color:rgb(110, 168, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 168, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 168, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 168, 119);  
box-shadow:4px 4px 4px 4px rgb(110, 168,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7628, 32.6522, 22.5028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 168, 119) }
```

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

```
.background{ background-color: rgb(110,  
168, 119) }
```

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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