

Converting Colors

XYZ(23.7641, 31.6213, 25.8995)

Have a look what the booklet for
XYZ(23.7641, 31.6213, 25.8995)
contains.

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Color

**XYZ(23.7351, 31.4776,
25.9439)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA482
RGB	110, 164, 130
RGB Percent	43%, 64%, 51%
CMY	0.5686, 0.3568, 0.4902
CMYK	0.33, 0.00, 0.21, 0.36
HSL	142°, 23%, 54%
HSV	142°, 33%, 64%
XYZ	23.7351, 31.4776, 25.9439
YIQ	143.9780, -21.2700, -22.0220

Conversions

Conversions Part 2

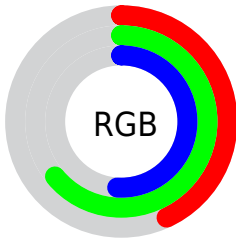
Format	Color
RYB	110, 149, 164
Decimal	7251074
CIELab	62.91, -25.26, 12.06
CIELCh	63, 27.992, 154.482
Yxy	31.4776, 0.2925, 0.3879
Android (android.graphics.Color)	4285441154 (0xFF6EA482)
YUV	143.9780, -6.8912, -29.7987
Hunter-Lab	56.1049, -22.6694, 11.8567

Details

The XYZ color **23.7351, 31.4776, 25.9439** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.9208, 21.0587, 29.0853**, and the grayscale version is **26.5340, 27.9159, 30.4004**.

A 20% lighter version of the original color is **48.9830, 61.8685, 54.1599**, and **9.1429, 13.1431, 9.8396** is the 20% darker color. If you saturate the color by 10%, you get **21.2218, 30.2589, 22.3881**, and if you desaturate by 10%, it is **26.6974, 32.9214, 29.8852**.

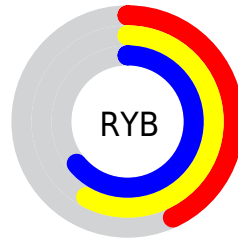
Distribution



Red (43%)

Green (64%)

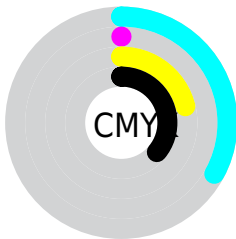
Blue (51%)



Red (43%)

Yellow (58%)

Blue (64%)

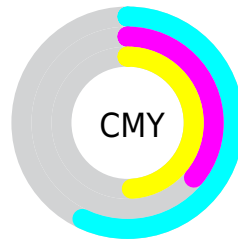


Cyan (33%)

Magenta (0%)

Yellow (21%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7351, 31.4776, 25.9439 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 23.7351, 31.4776, 25.9439 by changing the saturation by 10% instead.

■ 23.7351, 31.4776,
25.9439

■ 23.7351, 31.4776,
25.9439

263.9439,
308.7326, 296.1033

■ 15.2609, 20.9628,
16.5563

■ 49.0554, 61.9912,
54.1674

■ 9.0902, 13.0968,
9.7600

■ 66.6322, 82.7588,
73.8404

■ 4.8576, 7.4952,
5.1366

■ 87.9740, 107.7129,
97.7789

■ 2.1979, 3.7737,
2.2675

■ 113.4460,
137.2377, 126.4014

■ 0.7416, 1.5478,
0.7129

143.4136,
171.7176, 160.1266

■ 0.0000, 0.3220,
0.0000

178.2422,

■ 0.0000, 0.0000,

211.5372, 199.3730

0.0000

218.2972,
257.0807, 244.5590

■ 23.7351, 31.4776,
25.9439

■ 23.7351, 31.4776,
25.9439

■ 21.2218, 30.2589,
22.3881

■ 26.6974, 32.9214,
29.8852

■ 19.1320, 29.2499,
19.2041

■ 30.1273, 34.5972,
34.2211

■ 17.4414, 28.4391,
16.3801


■ 34.0455, 36.5162,
38.9630


■ 16.1225, 27.8126,
13.9031


■ 38.4707, 38.6879,
44.1213


■ 15.1434, 27.3543,
11.7593

■ 43.4206, 41.1212,
49.7059


 14.4668, 27.0453,
9.9336

 48.9118, 43.8245,
55.7264

 14.1114, 26.8862,
8.8241

 54.9606, 46.8059,
62.1921

 61.5823, 50.0731,
69.1120

 67.8270, 53.1365,
76.4497

Harmonies

Analogous

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



25.9283, 31.4776, 19.6255



23.7351, 31.4776, 25.9439



23.1419, 31.4776, 35.9535

Triad

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



23.7351, 31.4776, 25.9439



30.4994, 31.4776, 59.9865



36.4300, 31.4776, 23.6377

Complementary

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



23.7351, 31.4776, 25.9439



25.9208, 21.0587, 29.0853

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.



37.9036, 31.4776, 32.6471



23.7351, 31.4776, 25.9439



34.2984, 31.4776, 54.8372

Square

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



23.7351, 31.4776, 25.9439



26.8477, 31.4776, 57.1298



37.0922, 31.4776, 44.2193



33.2150, 31.4776, 18.5076

Rectangle

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



23.7351, 31.4776, 25.9439



23.6867, 31.4776, 43.8093



37.0922, 31.4776, 44.2193



37.1574, 31.4776, 26.2332

Sweetspot

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



23.7359, 31.4789, 25.9446



56.5424, 63.7066, 64.3981



27.6276, 33.6255, 19.7864



12.1622, 13.8301, 13.8348



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.7359, 31.4789, 25.9446



39.4450, 55.3710, 41.9824



25.7756, 32.2948, 36.6852



7.0890, 7.9364, 8.0803



10.8409, 20.6227, 6.8786



0.2501, 0.4423, 0.2620

Inverse Universe

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



25.9208, 21.0587, 29.0853



44.0690, 33.2974, 48.6140



24.1093, 20.3341, 19.5459



7.2525, 7.1575, 8.3161



13.6496, 6.8159, 10.6113



0.3085, 0.1519, 0.3370

Previews

White Background



This preview shows how the XYZ color 23.7351, 31.4776, 25.9439 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 23.7351, 31.4776, 25.9439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

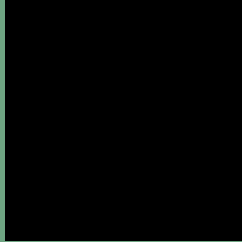
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 23.7351, 31.4776, 25.9439

Background



This preview shows how black text looks on a background with the XYZ color 23.7351, 31.4776, 25.9439.



This preview shows how white text looks on a background with the XYZ color 23.7351, 31.4776,

25.9439.

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

23.7351, 31.4776, 25.9439

Protanopia

29.2019, 31.0620, 23.5252

Deuteranopia

31.8155, 31.1632, 26.8925



Tritanopia

27.0488, 31.2455, 43.1334

Trichromacy



Original Color

23.7351, 31.4776, 25.9439

Protanomaly

26.8097, 31.0341, 24.3158

Deuteranomaly

28.2025, 30.9600, 26.6797

Tritanomaly

25.6418, 31.1867, 36.1207

Monochromacy



Original Color

23.7351, 31.4776, 25.9439

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.2425, 28.9028, 28.6745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7351, 31.4776, 25.9439 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, 164, 130)` looks like.

```
.text, #text, p{  
    color:rgb(110, 164, 130)  
}
```

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, 164, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 164, 130) }
```

Border

The CSS property to change the border of an element to XYZ 23.7351, 31.4776, 25.9439 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, 164, 130) }
```


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

```
.border{ border-color:rgb(110, 164, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 164, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 164, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 164, 130);  
box-shadow:4px 4px 4px 4px rgb(110, 164,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7351, 31.4776, 25.9439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 164, 130) }
```

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

```
.background{ background-color: rgb(110,  
164, 130) }
```

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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