

Converting Colors

XYZ(53.8156, 53.8213, 23.4876)

Have a look what the booklet for
XYZ(53.8156, 53.8213, 23.4876)
contains.

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Color

**XYZ(53.7626, 53.7445,
23.4597)**

Conversions

Conversions Part 1

Format	Color
Hex	E7BB72
RGB	231, 187, 114
RGB Percent	91%, 73%, 45%
CMY	0.0941, 0.2666, 0.5529
CMYK	0.00, 0.19, 0.51, 0.09
HSL	37°, 71%, 68%
HSV	37°, 51%, 91%
XYZ	53.7626, 53.7445, 23.4597
YIQ	191.8340, 49.6570, -13.3750

Conversions

Conversions Part 2

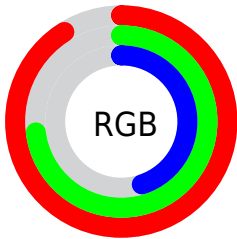
Format	Color
RYB	185, 231, 114
Decimal	15186802
CIELab	78.31, 6.99, 42.71
CIELCh	78, 43.276, 80.707
Yxy	53.7445, 0.4105, 0.4104
Android (android.graphics.Color)	4293376882 (0xFFE7BB72)
YUV	191.8340, -38.3722, 34.3486
Hunter-Lab	73.3106, 2.6099, 32.3444

Details

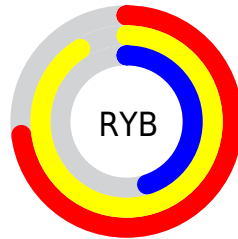
The XYZ color **53.7626, 53.7445, 23.4597** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.5896, 33.7993, 80.3546**, and the grayscale version is **50.2038, 52.8183, 57.5191**.

A 20% lighter version of the original color is **80.2656, 88.1512, 49.3436**, and **26.6841, 26.3046, 8.5214** is the 20% darker color. If you saturate the color by 10%, you get **50.8232, 49.7108, 16.7919**, and if you desaturate by 10%, it is **57.1481, 58.1391, 31.9152**.

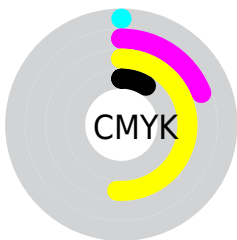
Distribution



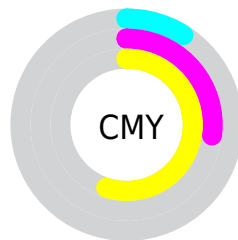
- Red (91%)
- Green (73%)
- Blue (45%)



- Red (73%)
- Yellow (91%)
- Blue (45%)



- Cyan (0%)
- Magenta (19%)
- Yellow (51%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7626, 53.7445, 23.4597 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 53.7626, 53.7445, 23.4597 by changing the saturation by 10% instead.


 53.7626, 53.7445,
23.4597


 53.7626, 53.7445,
23.4597


391.4172,
401.1350, 283.2755

 38.6418, 38.3974,
14.7248


 94.8845, 95.6990,
50.0798

 26.6607, 26.2913,
8.4820


 121.6164,
123.0752, 68.8021

 17.4538, 17.0417,
4.3127


 152.9493,
155.2299, 91.6906

 10.6559, 10.2642,
1.7984

189.2486,
192.5476, 119.1639

 5.9015, 5.5745,
0.4269

230.8797,
235.4125, 151.6405

 2.8254, 2.5881,
0.0000

278.2079,

 1.0621, 0.9207,

284.2091, 189.5389

0.0000

331.5987,
339.3218, 233.2777

■ 0.0000, 0.0000,
0.0000

■ 53.7626, 53.7445,
23.4597

■ 53.7626, 53.7445,
23.4597

■ 50.8232, 49.7108,
16.7919

■ 57.1481, 58.1391,
31.9152

■ 48.2985, 46.0162,
11.7737

■ 61.0006, 62.8998,
42.2762

■ 46.1586, 42.6476,
8.2516

■ 65.3441, 68.0412,
54.6540

■ 44.3667, 39.5868,
6.0417

■ 70.1994, 73.5747,
69.1503

■ 42.9492, 36.9775,
4.8737

■ 75.5864, 79.5110,
85.8600

■ 81.5236, 85.8602,
104.8723

■ 84.5135, 91.2261,
107.7618

■ 86.7649, 95.7289,
108.5123

Harmonies

Analogous

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



62.1262, 53.7445, 29.2959



53.7626, 53.7445, 23.4597



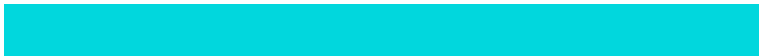
45.5285, 53.7445, 24.7917

Triad

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



53.7626, 53.7445, 23.4597



37.2915, 53.7445, 76.6423



64.7770, 53.7445, 93.3745

Complementary

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



53.7626, 53.7445, 23.4597



33.5896, 33.7993, 80.3546

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.



57.0708, 53.7445, 114.0056



53.7626, 53.7445, 23.4597



41.4319, 53.7445, 102.6367

Square

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



53.7626, 53.7445, 23.4597



36.6148, 53.7445, 51.2932



48.4931, 53.7445, 117.7982



68.9331, 53.7445, 66.3926

Rectangle

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



53.7626, 53.7445, 23.4597



41.1643, 53.7445, 29.7655



48.4931, 53.7445, 117.7982



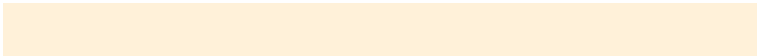
62.4782, 53.7445, 101.5629

Sweetspot

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



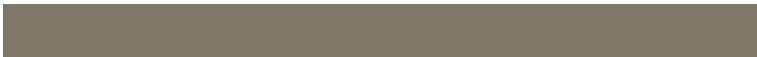
53.7639, 53.7471, 23.4608



85.0740, 88.9409, 78.1587



45.2175, 31.5220, 36.4343



17.9352, 18.7240, 15.9125



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.7639, 53.7471, 23.4608



63.3689, 61.8798, 20.5216



60.3326, 73.1720, 26.8640



15.1224, 15.8587, 15.1685



24.2011, 20.9763, 2.7733



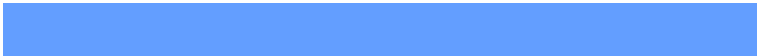
1.8770, 1.7273, 0.2345

Inverse Universe

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



33.5896, 33.7993, 80.3546



35.4615, 34.3314, 99.3653



29.2911, 22.3668, 78.3745



14.0247, 14.7707, 18.2562



10.1005, 7.2630, 43.2527



0.8334, 0.7108, 3.2252

Previews

White Background



This preview shows how the XYZ color 53.7626, 53.7445, 23.4597 looks on a white background.

Color Contrast Check

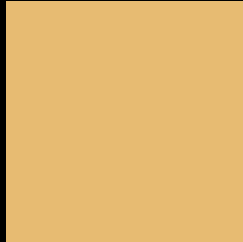
Large Text (above 18pt) WCAG AA × Fail

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 53.7626, 53.7445, 23.4597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

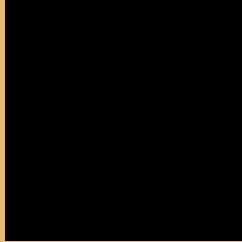
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7626, 53.7445, 23.4597

Background



This preview shows how black text looks on a background with the XYZ color 53.7626, 53.7445, 23.4597.



This preview shows how white text looks on a background with the XYZ color 53.7626, 53.7445,

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

53.7626, 53.7445, 23.4597

Protanopia

49.6540, 53.8650, 24.6096

Deuteranopia

54.9783, 53.7457, 23.3959



Tritanopia

60.5843, 53.7795, 56.4776

Trichromacy



Original Color

53.7626, 53.7445, 23.4597

Protanomaly

50.9966, 53.5826, 24.1777

Deuteranomaly

54.5279, 53.8251, 23.4350

Tritanomaly

57.3957, 53.3543, 41.9237

Monochromacy



Original Color

53.7626, 53.7445, 23.4597

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.5679, 52.6291, 42.6152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7626, 53.7445, 23.4597 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(231, 187, 114)` looks like.

```
.text, #text, p{  
    color:rgb(231, 187, 114)  
}
```

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(231, 187, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 187, 114) }
```

Border

The CSS property to change the border of an element to XYZ 53.7626, 53.7445, 23.4597 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(231, 187, 114) }
```


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

```
.border{ border-color:rgb(231, 187, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 187, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 187, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 187, 114);  
box-shadow:4px 4px 4px 4px rgb(231, 187,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7626, 53.7445, 23.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 187, 114) }
```

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

```
.background{ background-color: rgb(231,  
187, 114) }
```

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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