

Converting Colors

XYZ(24.6137, 23.3373, 14.3685)

Have a look what the booklet for
XYZ(24.6137, 23.3373, 14.3685)
contains.

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Color

**XYZ(24.5492, 23.2983,
14.2695)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A37D60 |
| RGB | 163, 125, 96 |
| RGB Percent | 64%, 49%, 38% |
| CMY | 0.3608, 0.5098, 0.6235 |
| CMYK | 0.00, 0.23, 0.41, 0.36 |
| HSL | 26°, 27%, 51% |
| HSV | 26°, 41%, 64% |
| XYZ | 24.5492, 23.2983, 14.2695 |
| YIQ | 133.0560, 31.9570, -0.9630 |

Conversions

Conversions Part 2

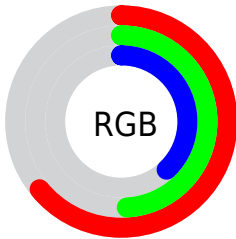
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 163, 147, 96 |
| Decimal | 10714464 |
| CIELab | 55.38, 10.76, 21.48 |
| CIElCh | 55, 24.020, 63.396 |
| Yxy | 23.2983, 0.3952, 0.3751 |
| Android (android.graphics.Color) | 4288904544 (0xFFA37D60) |
| YUV | 133.0560, -18.2686, 26.2609 |
| Hunter-Lab | 48.2683, 6.3153, 16.2600 |

Details

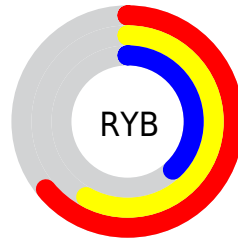
The XYZ color **24.5492, 23.2983, 14.2695** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.9595, 22.1805, 37.8796**, and the grayscale version is **22.3715, 23.5366, 25.6313**.

A 20% lighter version of the original color is **50.4003, 49.0074, 34.4068**, and **9.5692, 8.7056, 4.0817** is the 20% darker color. If you saturate the color by 10%, you get **22.7590, 20.7969, 10.3464**, and if you desaturate by 10%, it is **26.6051, 26.0820, 19.0494**.

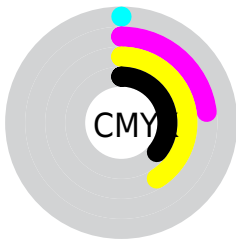
Distribution



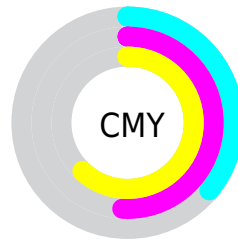
- Red (64%)
- Green (49%)
- Blue (38%)



- Red (64%)
- Yellow (58%)
- Blue (38%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (36%)





- Cyan (36%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5492, 23.2983, 14.2695 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 24.5492, 23.2983, 14.2695 by changing the saturation by 10% instead.


 24.5492, 23.2983,
14.2695


 24.5492, 23.2983,
14.2695

267.9747,
269.2534, 230.3874


 15.8685, 14.8139,
8.1675

 50.3731, 48.8827,
34.2904


 9.5214, 8.6889,
4.1130


 68.2470, 66.7515,
49.0464

 5.1426, 4.5388,
1.6875

 89.9160, 88.5172,
67.5241

 2.3668, 1.9793,
0.3522

 115.7454,
114.5642, 90.1421

 0.8285, 0.5954,
0.0000

146.1006,
145.2770, 117.3189

 0.0000, 0.0000,
0.0000

181.3470,

181.0398, 149.4730

221.8499,
222.2372, 187.0230

■ 24.5492, 23.2983,
14.2695

■ 24.5492, 23.2983,
14.2695

■ 22.7590, 20.7969,
10.3464

■ 26.6051, 26.0820,
19.0494

■ 21.2201, 18.5648,
7.2266

■ 28.9367, 29.1539,
24.7323

■ 19.9193, 16.5925,
4.8529

■ 31.5555, 32.5239,
31.3628

■ 18.8410, 14.8686,
3.1595

■ 34.4718, 36.2004,
38.9819

■ 17.9674, 13.3806,
2.0693

■ 37.6953, 40.1913,
47.6283

■ 17.3297, 12.2374,
1.4487

■ 41.2354, 44.5043,
57.3388

■ 45.1008, 49.1468,
68.1481

■ 49.3000, 54.1259,
80.0895

■ 53.8413, 59.4485,
93.1946

Harmonies

Analogous

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



26.7630, 23.2983, 18.0388



24.5492, 23.2983, 14.2695



21.8385, 23.2983, 13.2413

Triad

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



24.5492, 23.2983, 14.2695



17.3598, 23.2983, 26.2579



25.1236, 23.2983, 39.9001

Complementary

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



24.5492, 23.2983, 14.2695



19.9595, 22.1805, 37.8796

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.



22.4530, 23.2983, 43.2727



24.5492, 23.2983, 14.2695



18.0902, 23.2983, 34.4537

Square

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



24.5492, 23.2983, 14.2695



17.8231, 23.2983, 19.2803



19.9019, 23.2983, 41.1019



27.1131, 23.2983, 32.6183

Rectangle

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



24.5492, 23.2983, 14.2695



20.1480, 23.2983, 14.0313



19.9019, 23.2983, 41.1019



24.2683, 23.2983, 41.5887

Sweetspot

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



24.5498, 23.2994, 14.2700



55.9626, 57.5456, 54.7528



23.6663, 17.9041, 25.1611



12.4356, 12.7540, 11.9559



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.



24.5498, 23.2994, 14.2700



41.1186, 37.7553, 19.2914



29.3432, 32.8863, 15.8678



7.3142, 7.5667, 7.4551



13.5119, 9.5978, 1.1404



0.3305, 0.2949, 0.0395

Inverse Universe

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



19.9595, 22.1805, 37.8796



31.7908, 35.4683, 67.2266



16.1455, 14.5525, 36.6082



7.0181, 7.4952, 8.9799



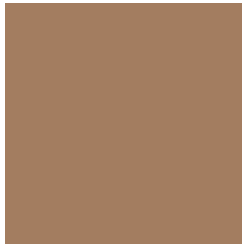
8.1876, 8.1547, 28.0723



0.2178, 0.2629, 0.6051

Previews

White Background



This preview shows how the XYZ color 24.5492, 23.2983, 14.2695 looks on a white background.

Color Contrast Check

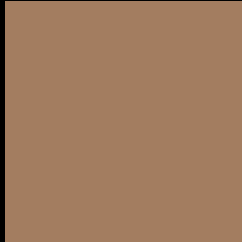
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5492, 23.2983, 14.2695 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 24.5492, 23.2983, 14.2695

Background



This preview shows how black text looks on a background with the XYZ color 24.5492, 23.2983, 14.2695.



This preview shows how white text looks on a background with the XYZ color 24.5492, 23.2983,

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

24.5492, 23.2983, 14.2695

Protanopia

21.7950, 23.4267, 15.1775

Deuteranopia

23.8012, 23.2924, 14.3077



Tritanopia

26.4716, 23.1516, 24.1926

Trichromacy



Original Color

24.5492, 23.2983, 14.2695

Protanomaly

22.7649, 23.3311, 14.8588

Deuteranomaly

24.0694, 23.2398, 14.2835

Tritanomaly

25.7466, 23.2264, 20.2657

Monochromacy



Original Color

24.5492, 23.2983, 14.2695

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.8744, 23.2506, 21.0515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5492, 23.2983, 14.2695 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(163, 125, 96)` looks like.

```
.text, #text, p{  
    color:rgb(163, 125, 96)  
}
```

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(163, 125, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 125, 96) }
```

Border

The CSS property to change the border of an element to XYZ 24.5492, 23.2983, 14.2695 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(163, 125, 96) }
```


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

```
.border{ border-color:rgb(163, 125, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 125, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 125, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 125, 96);  
box-shadow:4px 4px 4px 4px rgb(163, 125,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5492, 23.2983, 14.2695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 125, 96) }
```

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

```
.background{ background-color: rgb(163,  
125, 96) }
```

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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