

Converting Colors

XYZ(43.4970, 42.3263, 20.6513)

Have a look what the booklet for
XYZ(43.4970, 42.3263, 20.6513)
contains.

XYZ(43.6021, 42.3953, 20.6369)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.6021, 42.3953,
20.6369)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A66E
RGB	212, 166, 110
RGB Percent	83%, 65%, 43%
CMY	0.1686, 0.3490, 0.5686
CMYK	0.00, 0.22, 0.48, 0.17
HSL	33°, 54%, 63%
HSV	33°, 48%, 83%
XYZ	43.6021, 42.3953, 20.6369
YIQ	173.3700, 45.3920, -7.6640

Conversions

Conversions Part 2

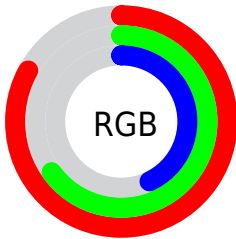
Format	Color
RYB	194, 212, 110
Decimal	13936238
CIELab	71.14, 10.01, 35.36
CIElCh	71, 36.750, 74.202
Yxy	42.3953, 0.4089, 0.3976
Android (android.graphics.Color)	4292126318 (0xFFD4A66E)
YUV	173.3700, -31.2414, 33.8785
Hunter-Lab	65.1117, 5.5873, 26.7864

Details

The XYZ color **43.6021, 42.3953, 20.6369** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.2021, 31.8442, 66.8420**, and the grayscale version is **40.0487, 42.1344, 45.8844**.

A 20% lighter version of the original color is **73.6180, 75.5815, 44.8910**, and **20.3772, 19.3401, 7.0739** is the 20% darker color. If you saturate the color by 10%, you get **40.9096, 38.6418, 14.7101**, and if you desaturate by 10%, it is **46.7020, 46.5217, 28.0626**.

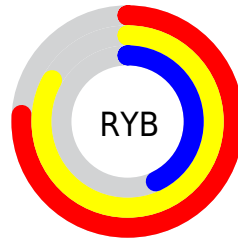
Distribution



Red (83%)

Green (65%)

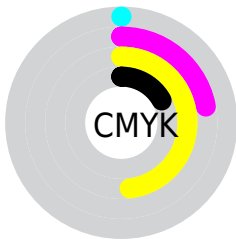
Blue (43%)



Red (76%)

Yellow (83%)

Blue (43%)

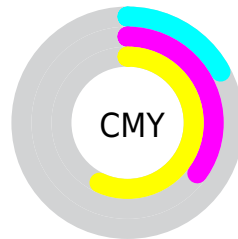


Cyan (0%)

Magenta (22%)

Yellow (48%)

Black (17%)



Cyan (17%)


Magenta (35%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6021, 42.3953, 20.6369 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 43.6021, 42.3953, 20.6369 by changing the saturation by 10% instead.


 43.6021, 42.3953,
20.6369


 43.6021, 42.3953,
20.6369


351.9618,
356.1190, 268.0598


 30.5544, 29.4109,
12.6702


 79.8687, 78.7975,
45.3554


 20.4099, 19.3919,
7.0738


 103.8184,
102.9842, 62.9442

 12.8034, 11.9538,
3.4291


 132.1326,
131.6738, 84.5775

 7.3693, 6.7122,
1.3177

 165.1770,
165.2507, 110.6738

 3.7425, 3.2828,
0.0762

203.3167,
204.0992, 141.6517

 1.5575, 1.2811,
0.0000

246.9172,

 0.3645, 0.1265,

248.6039, 177.9296

0.0000

296.3437,
299.1490, 219.9261

■ 0.0000, 0.0000,
0.0000

■ 43.6021, 42.3953,
20.6369

■ 43.6021, 42.3953,
20.6369

■ 40.9096, 38.6418,
14.7101

■ 46.7020, 46.5217,
28.0626

■ 38.5986, 35.2416,
10.1733

■ 50.2269, 51.0275,
37.0806

■ 36.6446, 32.1817,
6.9068

■ 54.1971, 55.9267,
47.7796

■ 35.0177, 29.4456,
4.7691

■ 58.6303, 61.2303,
60.2408

■ 33.6761, 27.0114,
3.5537

■ 63.5433, 66.9492,
74.5403

■ 33.4432, 26.5807,
3.3679

■ 68.9520, 73.0934,
90.7497

■ 74.3187, 79.4518,
106.0265

■ 77.0976, 85.0096,
106.9528

■ 80.0254, 90.8651,
107.9287

Harmonies

Analogous

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



49.3832, 42.3953, 26.3436



43.6021, 42.3953, 20.6369



37.4628, 42.3953, 20.4944

Triad

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



43.6021, 42.3953, 20.6369



29.8825, 42.3953, 54.9803



49.1168, 42.3953, 74.9519

Complementary

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



43.6021, 42.3953, 20.6369



30.2021, 31.8442, 66.8420

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.



43.2674, 42.3953, 87.4018



43.6021, 42.3953, 20.6369



32.3972, 42.3953, 74.0336

Square

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



43.6021, 42.3953, 20.6369



29.9524, 42.3953, 37.5396



37.1604, 42.3953, 87.0284



52.7814, 42.3953, 56.0112

Rectangle

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



43.6021, 42.3953, 20.6369



34.0060, 42.3953, 23.4312



37.1604, 42.3953, 87.0284



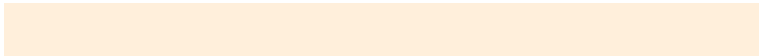
47.3162, 42.3953, 80.2266

Sweetspot

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



43.6031, 42.3973, 20.6377



84.9035, 88.0658, 79.7486



38.8647, 27.6042, 35.4477



17.8657, 18.4799, 16.2134



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.



43.6031, 42.3973, 20.6377



61.9480, 58.4214, 21.9490



52.5394, 61.7097, 23.8944



12.9828, 13.5397, 13.0899



20.7476, 16.6124, 2.1130



1.3336, 1.1663, 0.1548

Inverse Universe

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



30.2021, 31.8442, 66.8420



39.2215, 40.5441, 100.3663



24.3216, 19.4431, 64.7582



12.1991, 12.9217, 15.7887



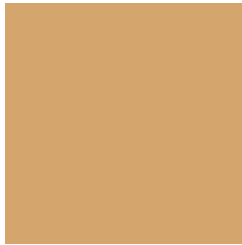
9.9932, 8.2482, 39.5185



0.6847, 0.6615, 2.4109

Previews

White Background



This preview shows how the XYZ color 43.6021, 42.3953, 20.6369 looks on a white background.

Color Contrast Check

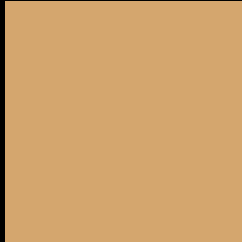
Large Text (above 18pt) WCAG AA × Fail

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 43.6021, 42.3953, 20.6369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

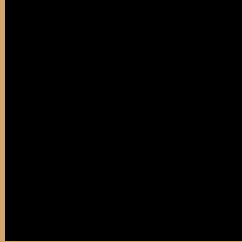
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6021, 42.3953, 20.6369

Background



This preview shows how black text looks on a background with the XYZ color 43.6021, 42.3953, 20.6369.



This preview shows how white text looks on a background with the XYZ color 43.6021, 42.3953,

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

43.6021, 42.3953, 20.6369

Protanopia

39.3519, 42.4115, 21.7350

Deuteranopia

43.4972, 42.6121, 20.6843



Tritanopia

48.4910, 42.2994, 44.1369

Trichromacy



Original Color

43.6021, 42.3953, 20.6369

Protanomaly

40.7762, 42.3014, 21.3451

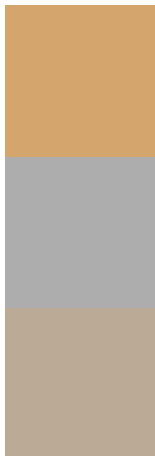
Deuteranomaly

43.4972, 42.6121, 20.6843

Tritanomaly

46.4886, 42.2586, 34.1403

Monochromacy



Original Color

43.6021, 42.3953, 20.6369

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.3733, 41.5163, 34.7397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6021, 42.3953, 20.6369 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(212, 166, 110)` looks like.

```
.text, #text, p{  
    color:rgb(212, 166, 110)  
}
```

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(212, 166, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 166, 110) }
```

Border

The CSS property to change the border of an element to XYZ 43.6021, 42.3953, 20.6369 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(212, 166, 110) }
```


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

```
.border{ border-color:rgb(212, 166, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 166, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 166, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 166, 110);  
box-shadow:4px 4px 4px 4px rgb(212, 166,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6021, 42.3953, 20.6369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 166, 110) }
```

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

```
.background{ background-color: rgb(212,  
166, 110) }
```

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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