

Converting Colors

XYZ(44.1741, 39.7118, 28.3802)

Have a look what the booklet for
XYZ(44.1741, 39.7118, 28.3802)
contains.

XYZ(44.1189, 39.6390, 28.2475)	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(44.1189, 39.6390,
28.2475)**

Conversions

Conversions Part 1

Format	Color
Hex	D79B87
RGB	215, 155, 135
RGB Percent	84%, 61%, 53%
CMY	0.1569, 0.3921, 0.4706
CMYK	0.00, 0.28, 0.37, 0.16
HSL	15°, 50%, 69%
HSV	15°, 37%, 84%
XYZ	44.1189, 39.6390, 28.2475
YIQ	170.6600, 42.1800, 6.5000

Conversions

Conversions Part 2

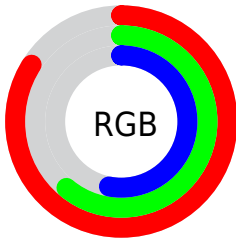
Format	Color
R _Y B	215, 162, 135
Decimal	14130055
CIE Lab	69.21, 19.85, 19.36
CIE LCh	69, 27.725, 44.289
Yxy	39.6390, 0.3939, 0.3539
Android (android.graphics.Color)	4292320135 (0xFFD79B87)
YUV	170.6600, -17.5804, 38.8862
Hunter-Lab	62.9595, 14.9048, 17.4705

Details

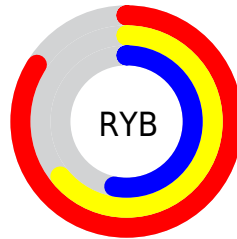
The XYZ color **44.1189, 39.6390, 28.2475** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7720, 49.0859, 71.5631**, and the grayscale version is **38.6095, 40.6202, 44.2354**.

A 20% lighter version of the original color is **73.3637, 70.9840, 57.4116**, and **20.6906, 17.8256, 10.9445** is the 20% darker color. If you saturate the color by 10%, you get **40.2488, 34.0816, 20.2283**, and if you desaturate by 10%, it is **48.6551, 46.0391, 37.9976**.

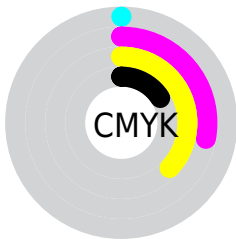
Distribution



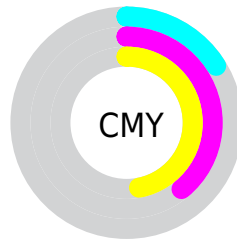
- Red (84%)
- Green (61%)
- Blue (53%)



- Red (84%)
- Yellow (64%)
- Blue (53%)



- Cyan (0%)
- Magenta (28%)
- Yellow (37%)
- Black (16%)





- Cyan (16%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1189, 39.6390, 28.2475 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 44.1189, 39.6390, 28.2475 by changing the saturation by 10% instead.


 44.1189, 39.6390,
28.2475

 44.1189, 39.6390,
28.2475


354.0373,
344.5997, 307.5967


 30.9623, 27.2572,
18.2716


 80.6419, 74.6135,
57.9072

 20.7218, 17.7665,
10.9737


 104.7390, 97.9749,
78.4281

 13.0321, 10.7825,
5.9352


 133.2136,
125.7651, 103.3011

 7.5278, 5.9207,
2.7376

166.4311,
158.3683, 132.9448

 3.8436, 2.7969,
0.9623

204.7569,
196.1689, 167.7777

 1.6140, 1.0267,
0.0000

248.5563,

 0.4015, 0.0000,

239.5515, 208.2182

0.0000

298.1946,
288.9002, 254.6851

■ 0.0000, 0.0000,
0.0000

■ 44.1189, 39.6390,
28.2475

■ 44.1189, 39.6390,
28.2475

■ 40.2488, 34.0816,
20.2283

■ 48.6551, 46.0391,
37.9976

■ 37.0092, 29.3257,
13.8354

■ 53.8845, 53.3097,
49.5700

■ 34.3654, 25.3348,
8.9565

■ 59.8366, 61.4841,
63.0525

■ 32.2781, 22.0675,
5.4641

■ 66.5382, 70.5925,
78.5265

■ 30.7027, 19.4778,
3.2090

■ 74.0144, 80.6632,
96.0685

■ 29.5836, 17.5129,
1.9934

■ 80.8059, 91.1302,
107.9387

■ 29.3325, 17.0633,
1.7476

■ 81.8344, 93.1871,
108.2815

Harmonies

Analogous

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



46.5631, 39.6390, 37.4057



44.1189, 39.6390, 28.2475



40.0335, 39.6390, 23.6527

Triad

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



44.1189, 39.6390, 28.2475



30.0449, 39.6390, 36.8761



39.8210, 39.6390, 71.4329

Complementary

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



44.1189, 39.6390, 28.2475



41.7720, 49.0859, 71.5631

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.



35.4123, 39.6390, 71.2136



44.1189, 39.6390, 28.2475



29.9978, 39.6390, 49.4763

Square

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



44.1189, 39.6390, 28.2475



32.0265, 39.6390, 27.9257



31.8925, 39.6390, 62.5695



43.9529, 39.6390, 63.1200

Rectangle

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



44.1189, 39.6390, 28.2475



37.0411, 39.6390, 23.0917



31.8925, 39.6390, 62.5695



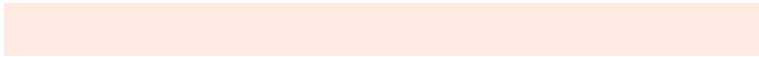
38.3174, 39.6390, 72.3992

Sweetspot

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



44.1199, 39.6409, 28.2483



84.5108, 85.6284, 84.7106



46.5390, 35.7156, 56.0710



17.8308, 17.9739, 17.5468



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.



44.1199, 39.6409, 28.2483



60.1696, 51.5158, 31.6800



51.9129, 55.2269, 30.8460



12.6731, 12.9203, 12.9866



17.6157, 10.3487, 1.0690



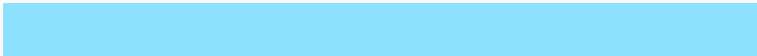
1.1288, 0.7569, 0.0866

Inverse Universe

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



41.7720, 49.0859, 71.5631



56.1872, 67.3767, 104.6514



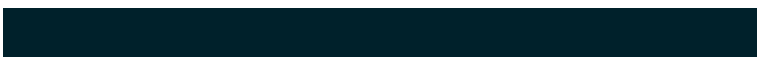
33.9792, 33.5004, 68.9655



12.5170, 13.5574, 15.8946



15.0723, 18.4064, 41.2116



0.9729, 1.2377, 2.5069

Previews

White Background



This preview shows how the XYZ color 44.1189, 39.6390, 28.2475 looks on a white background.

Color Contrast Check

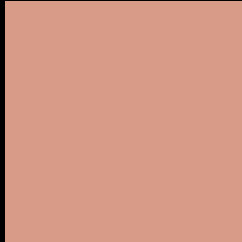
Large Text (above 18pt) WCAG AA × Fail

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 44.1189, 39.6390, 28.2475 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 44.1189, 39.6390, 28.2475

Background



This preview shows how black text looks on a background with the XYZ color 44.1189, 39.6390, 28.2475.



This preview shows how white text looks on a background with the XYZ color 44.1189, 39.6390,

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

44.1189, 39.6390, 28.2475

Protanopia

37.6609, 39.9126, 31.3102

Deuteranopia

40.6890, 39.9214, 28.1153



Tritanopia

46.5909, 39.6830, 39.8543

Trichromacy



Original Color

44.1189, 39.6390, 28.2475

Protanomaly

39.6739, 39.6215, 29.9828

Deuteranomaly

41.7757, 39.7002, 28.0153

Tritanomaly

45.5933, 39.5081, 35.3598

Monochromacy



Original Color

44.1189, 39.6390, 28.2475

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.1202, 39.9437, 37.9431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1189, 39.6390, 28.2475 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(215, 155, 135)` looks like.

```
.text, #text, p{  
    color:rgb(215, 155, 135)  
}
```

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(215, 155, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 155, 135) }
```

Border

The CSS property to change the border of an element to XYZ 44.1189, 39.6390, 28.2475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

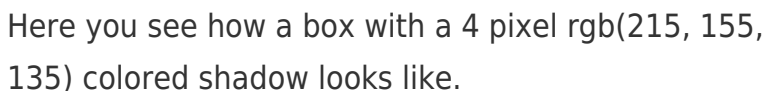
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 155, 135) }
```


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

```
.border{ border-color:rgb(215, 155, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 155, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 155, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 155, 135); box-shadow:4px 4px 4px 4px rgb(215, 155, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1189, 39.6390, 28.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 155, 135) }
```

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

```
.background{ background-color: rgb(215,  
155, 135) }
```

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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