

Converting Colors

XYZ(36.1018, 32.3261, 22.3765)

Have a look what the booklet for
XYZ(36.1018, 32.3261, 22.3765)
contains.

XYZ(36.0020, 32.3005, 22.4263)	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(36.0020, 32.3005,
22.4263)**

Conversions

Conversions Part 1

Format	Color
Hex	C58D79
RGB	197, 141, 121
RGB Percent	77%, 55%, 47%
CMY	0.2275, 0.4470, 0.5255
CMYK	0.00, 0.28, 0.39, 0.23
HSL	16°, 40%, 62%
HSV	16°, 39%, 77%
XYZ	36.0020, 32.3005, 22.4263
YIQ	155.4640, 39.7960, 5.6520

Conversions

Conversions Part 2

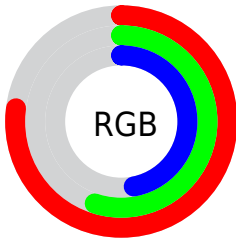
Format	Color
RYB	197, 148, 121
Decimal	12946809
CIELab	63.59, 18.71, 19.11
CIELCh	64, 26.744, 45.613
Yxy	32.3005, 0.3968, 0.3560
Android (android.graphics.Color)	4291136889 (0xFFC58D79)
YUV	155.4640, -16.9908, 36.4271
Hunter-Lab	56.8335, 13.6147, 16.3879

Details

The XYZ color **36.0020, 32.3005, 22.4263** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.6848, 39.5390, 58.6797**, and the grayscale version is **31.4228, 33.0592, 36.0015**.

A 20% lighter version of the original color is **68.2979, 63.3073, 48.1550**, and **15.8953, 13.6128, 7.9206** is the 20% darker color. If you saturate the color by 10%, you get **32.9134, 27.8632, 16.0329**, and if you desaturate by 10%, it is **39.6195, 37.4006, 30.2138**.

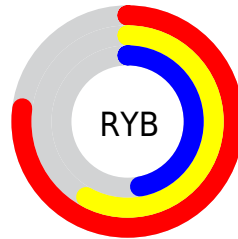
Distribution



Red (77%)

Green (55%)

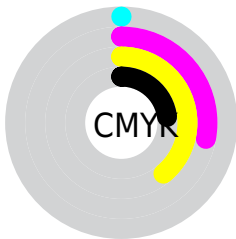
Blue (47%)



Red (77%)

Yellow (58%)

Blue (47%)

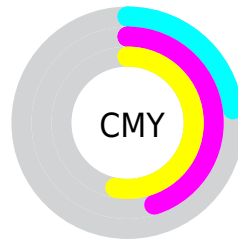


Cyan (0%)

Magenta (28%)

Yellow (39%)

Black (23%)



Cyan (23%)


Magenta (45%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0020, 32.3005, 22.4263 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 36.0020, 32.3005, 22.4263 by changing the saturation by 10% instead.


 36.0020, 32.3005,
22.4263


 36.0020, 32.3005,
22.4263


320.4004,
312.4859, 277.7903


 24.6059, 21.5911,
13.9692


 68.3590, 63.2819,
48.3608

 15.9108, 13.5568,
7.9607


 90.0506, 84.3227,
66.6752

 9.5515, 7.8131,
3.9824

 115.9047,
109.5761, 89.1124

 5.1626, 3.9756,
1.6157

146.2866,
139.4265, 116.0911

 2.3787, 1.6599,
0.3020

181.5618,
174.2582, 148.0296

 0.8345, 0.3975,
0.0000


222.0956,


 0.0000, 0.0000,


214.4558, 185.3467


0.0000


268.2533,
260.4035, 228.4607


 36.0020, 32.3005,
22.4263


 36.0020, 32.3005,
22.4263


 32.9134, 27.8632,
16.0329


 39.6195, 37.4006,
30.2138


 30.3253, 24.0564,
10.9484


 43.7875, 43.1848,
39.4697


 28.2101, 20.8518,
7.0812


 48.5293, 49.6793,
50.2654


 26.5366, 18.2172,
4.3271


 53.8662, 56.9074,
62.6671


 25.2690, 16.1168,
2.5637


 59.8183, 64.8914,
76.7369

 24.3566, 14.5070,
1.5968

 66.4048, 73.6524,
92.5338

 24.2474, 14.3132,
1.4847

 73.0094, 82.9572,
106.7721

 76.8359, 90.6103,
108.0476

Harmonies

Analogous

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



38.1480, 32.3005, 29.9206



36.0020, 32.3005, 22.4263



32.5195, 32.3005, 18.7750

Triad

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



36.0020, 32.3005, 22.4263



24.2577, 32.3005, 30.3038



32.6739, 32.3005, 58.9242

Complementary

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



36.0020, 32.3005, 22.4263



33.6848, 39.5390, 58.6797

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.



28.9510, 32.3005, 59.0850



36.0020, 32.3005, 22.4263



24.2917, 32.3005, 40.9995

Square

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



36.0020, 32.3005, 22.4263



25.8501, 32.3005, 22.6576



25.9471, 32.3005, 52.0066



36.1229, 32.3005, 51.6038

Rectangle

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



36.0020, 32.3005, 22.4263



30.0037, 32.3005, 18.4178



25.9471, 32.3005, 52.0066



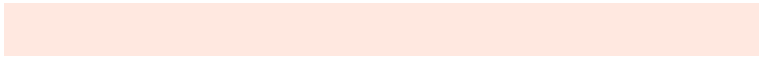
31.4083, 32.3005, 59.8604

Sweetspot

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



36.0028, 32.3021, 22.4269



83.7335, 84.6329, 82.7283



37.8994, 28.7597, 45.6733



17.6792, 17.7821, 17.1526



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.



36.0028, 32.3021, 22.4269



59.9147, 51.3042, 30.6759



42.3977, 45.0917, 24.5586



10.8571, 11.0834, 11.1298



16.0075, 9.5322, 0.9962



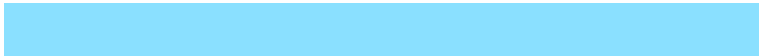
0.8191, 0.5737, 0.0676

Inverse Universe

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



33.6848, 39.5390, 58.6797



55.1710, 65.9764, 104.4346



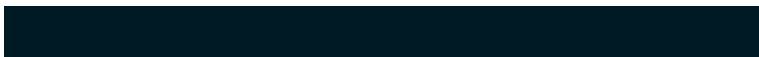
27.3416, 26.8527, 56.5653



10.7014, 11.5768, 13.5880



13.3746, 16.1432, 37.1554



0.6900, 0.8778, 1.7782

Previews

White Background



This preview shows how the XYZ color 36.0020, 32.3005, 22.4263 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 36.0020, 32.3005, 22.4263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

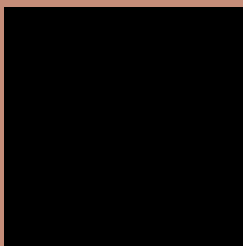
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0020, 32.3005, 22.4263

Background



This preview shows how black text looks on a background with the XYZ color 36.0020, 32.3005, 22.4263.



This preview shows how white text looks on a background with the XYZ color 36.0020, 32.3005,

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

36.0020, 32.3005, 22.4263

Protanopia

30.4906, 32.4300, 24.7313

Deuteranopia

33.0361, 32.3596, 22.2741



Tritanopia

38.1104, 32.3088, 32.2446

Trichromacy



Original Color

36.0020, 32.3005, 22.4263

Protanomaly

32.1283, 32.0895, 23.9026

Deuteranomaly

34.0091, 32.1717, 22.1866

Tritanomaly

37.2291, 32.1540, 28.2889

Monochromacy



Original Color

36.0020, 32.3005, 22.4263

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.4418, 32.3419, 30.5193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0020, 32.3005, 22.4263 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(197, 141, 121)` looks like.

```
.text, #text, p{  
    color:rgb(197, 141, 121)  
}
```

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(197, 141, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 141, 121) }
```

Border

The CSS property to change the border of an element to XYZ 36.0020, 32.3005, 22.4263 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(197, 141, 121) }
```


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

```
.border{ border-color:rgb(197, 141, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 141, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 141, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 141, 121);  
box-shadow:4px 4px 4px 4px rgb(197, 141,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0020, 32.3005, 22.4263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 141, 121) }
```

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

```
.background{ background-color: rgb(197,  
141, 121) }
```

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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