

Converting Colors

XYZ(30.2079, 28.5994, 37.4966)

Have a look what the booklet for
XYZ(30.2079, 28.5994, 37.4966)
contains.

XYZ(30.1628, 28.5120, 37.6318)	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(30.1628, 28.5120,
37.6318)**

Conversions

Conversions Part 1

Format	Color
Hex	A08BA1
RGB	160, 139, 161
RGB Percent	63%, 55%, 63%
CMY	0.3725, 0.4549, 0.3686
CMYK	0.01, 0.14, 0.00, 0.37
HSL	297°, 10%, 59%
HSV	297°, 14%, 63%
XYZ	30.1628, 28.5120, 37.6318
YIQ	147.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

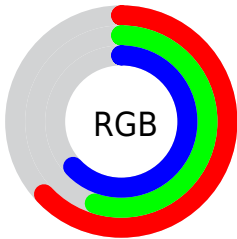
Format	Color
R_{YB}	160, 139, 161
Decimal	10521505
CIE Lab	60.35, 11.96, -8.72
CIE LCh	60, 14.800, 323.902
Yxy	28.5120, 0.3132, 0.2961
Android (android.graphics.Color)	4288711585 (0xFFA08BA1)
YUV	147.7870, 6.5140, 10.7108
Hunter-Lab	53.3966, 7.3874, -4.4076

Details

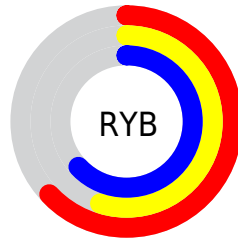
The XYZ color **30.1628, 28.5120, 37.6318** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.2213, 32.9300, 29.2962**, and the grayscale version is **28.0324, 29.4923, 32.1171**.

A 20% lighter version of the original color is **59.4890, 57.5449, 72.9376**, and **12.5170, 11.4370, 16.0158** is the 20% darker color. If you saturate the color by 10%, you get **27.8556, 24.1137, 36.9049**, and if you desaturate by 10%, it is **32.8159, 33.5998, 38.4744**.

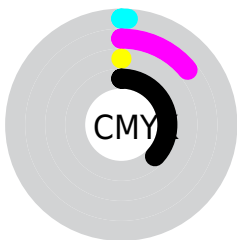
Distribution



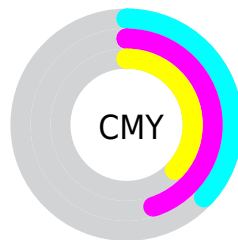
- Red (63%)
- Green (55%)
- Blue (63%)



- Red (63%)
- Yellow (55%)
- Blue (63%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (37%)



- Cyan (37%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1628, 28.5120, 37.6318 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 30.1628, 28.5120, 37.6318 by changing the saturation by 10% instead.

■ 30.1628, 28.5120,
37.6318

■ 30.1628, 28.5120,
37.6318

294.5588,
294.9054, 351.2886

■ 20.1109, 18.7120,
25.3974

■ 59.3044, 57.3008,
72.7406

■ 12.5844, 11.4623,
16.1517

■ 79.1248, 77.0584,
96.4521

■ 7.2180, 6.3787,
9.4760

■ 102.9321,
100.9040, 124.8264

■ 3.6464, 3.0767,
4.9519

131.0915,
129.2220, 158.2820

■ 1.5041, 1.1719,
2.1608

163.9686,
162.3967, 197.2375

■ 0.3286, 0.0386,
0.6516

201.9286,

■ 0.0000, 0.0000,

200.8126, 242.1114

0.0000

245.3369,
244.8540, 293.3222

■ 30.1628, 28.5120,
37.6318

■ 30.1628, 28.5120,
37.6318

■ 27.8556, 24.1137,
36.9049

■ 32.8159, 33.5998,
38.4744

■ 25.8768, 20.3714,
36.2868

■ 35.8263, 39.4016,
39.4356

■ 24.2112, 17.2542,
35.7729

■ 39.2082, 45.9450,
40.5204

■ 22.8413, 14.7272,
35.3574

■ 42.9742, 53.2552,
41.7329

■ 21.7482, 12.7524,
35.0338

■ 47.1362, 61.3561,
43.0772

■ 20.9103, 11.2870,
34.7951

■ 51.7056, 70.2708,
44.5571

■ 20.3034, 10.2820,
34.6331

■ 56.6936, 80.0211,
46.1762

■ 19.8981, 9.6791,
34.5381

■ 57.8888, 82.1847,
46.5308

■ 19.6991, 9.4121,
34.4971

■ 58.0425, 82.2639,
46.5380

Harmonies

Analogous

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



28.6084, 28.5120, 41.6358



30.1628, 28.5120, 37.6318



30.9004, 28.5120, 32.1704

Triad

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



30.1628, 28.5120, 37.6318



27.4901, 28.5120, 21.7532



23.8926, 28.5120, 35.4837

Complementary

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



30.1628, 28.5120, 37.6318



28.2213, 32.9300, 29.2962

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.



23.6243, 28.5120, 29.9456



30.1628, 28.5120, 37.6318



25.6452, 28.5120, 22.4217

Square

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



30.1628, 28.5120, 37.6318



29.3116, 28.5120, 23.3291



24.2515, 28.5120, 25.2750



25.0022, 28.5120, 40.2977

Rectangle

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



30.1628, 28.5120, 37.6318



30.8062, 28.5120, 28.5962



24.2515, 28.5120, 25.2750



23.7033, 28.5120, 33.6292

Sweetspot

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



30.1636, 28.5132, 37.6324



58.5614, 59.7732, 68.8374



26.4744, 26.8490, 37.5056



12.7644, 12.9574, 15.0719



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.1636, 28.5132, 37.6324



52.8709, 48.8686, 67.0325



29.5255, 28.2812, 33.2243



7.3324, 7.1857, 8.9036



15.7424, 7.5220, 27.5520



0.3398, 0.1627, 0.5794

Inverse Universe

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



28.6652, 27.9370, 28.6939



49.7307, 47.6620, 48.2598



28.8101, 33.1461, 33.2723



7.0862, 7.0909, 7.4404



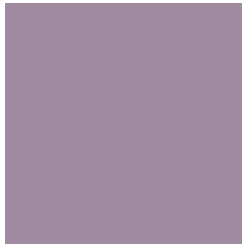
11.7750, 6.0661, 0.7400



0.2511, 0.1289, 0.0350

Previews

White Background



This preview shows how the XYZ color 30.1628, 28.5120, 37.6318 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 30.1628, 28.5120, 37.6318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

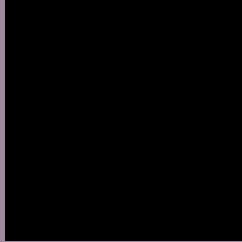
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1628, 28.5120, 37.6318

Background



This preview shows how black text looks on a background with the XYZ color 30.1628, 28.5120, 37.6318.



This preview shows how white text looks on a background with the XYZ color 30.1628, 28.5120,

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

30.1628, 28.5120, 37.6318

Protanopia

28.2446, 28.8071, 39.6690

Deuteranopia

29.1550, 28.6564, 37.2523



Tritanopia

29.4904, 28.6877, 33.6887

Trichromacy



Original Color

30.1628, 28.5120, 37.6318

Protanomaly

28.9177, 28.7148, 39.1403

Deuteranomaly

29.5803, 28.6557, 37.2298

Tritanomaly

29.5926, 28.4937, 34.9505

Monochromacy



Original Color

30.1628, 28.5120, 37.6318

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8241, 29.2261, 34.2590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1628, 28.5120, 37.6318 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(160, 139, 161)` looks like.

```
.text, #text, p{  
    color:rgb(160, 139, 161)  
}
```

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(160, 139, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 139, 161) }
```

Border

The CSS property to change the border of an element to XYZ 30.1628, 28.5120, 37.6318 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(160, 139, 161) }
```


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

```
.border{ border-color:rgb(160, 139, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 139, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 139, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 139, 161);  
box-shadow:4px 4px 4px 4px rgb(160, 139,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1628, 28.5120, 37.6318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 139, 161) }
```

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

```
.background{ background-color: rgb(160,  
139, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor