

Converting Colors

XYZ(32.3128, 22.4993, 7.1972)

Have a look what the booklet for
XYZ(32.3128, 22.4993, 7.1972)
contains.

XYZ(32.3128, 22.4993, 7.1972)	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(32.3128, 22.4993,
7.1972)**

Conversions

Conversions Part 1

Format	Color
Hex	D55E3E
RGB	213, 94, 62
RGB Percent	84%, 37%, 24%
CMY	0.1647, 0.6313, 0.7569
CMYK	0.00, 0.56, 0.71, 0.16
HSL	13°, 64%, 54%
HSV	13°, 71%, 84%
XYZ	32.3128, 22.4993, 7.1972
YIQ	125.9330, 81.1960, 15.2760

Conversions

Conversions Part 2

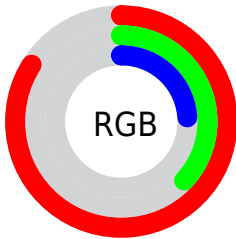
Format	Color
R_{YB}	213, 103, 62
Decimal	13983294
CIE _{Lab}	54.55, 44.86, 40.78
CIE _{LCh}	55, 60.622, 42.271
Yxy	22.4993, 0.5211, 0.3628
Android (android.graphics.Color)	4292173374 (0xFFD55E3E)
YUV	125.9330, -31.5190, 76.3578
Hunter-Lab	47.4334, 38.5900, 24.2072

Details

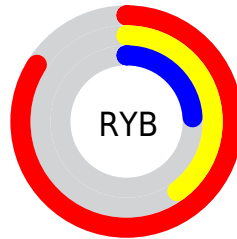
The XYZ color **32.3128, 22.4993, 7.1972** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **30.5195, 38.8735, 68.8453**, and the grayscale version is **19.8936, 20.9296, 22.7924**.

A 20% lighter version of the original color is **54.5430, 43.2751, 20.5171**, and **13.8354, 8.2987, 1.3628** is the 20% darker color. If you saturate the color by 10%, you get **30.5049, 19.6429, 4.2543**, and if you desaturate by 10%, it is **34.6752, 26.0989, 11.4548**.

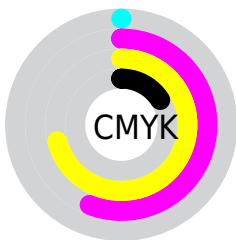
Distribution



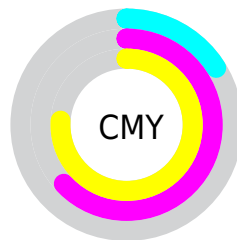
- Red (84%)
- Green (37%)
- Blue (24%)



- Red (84%)
- Yellow (40%)
- Blue (24%)



- Cyan (0%)
- Magenta (56%)
- Yellow (71%)
- Black (16%)





- Cyan (16%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3128, 22.4993, 7.1972 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 32.3128, 22.4993, 7.1972 by changing the saturation by 10% instead.

 32.3128, 22.4993,
7.1972


 32.3128, 22.4993,
7.1972


304.2617,
265.1428, 178.9850

 21.7572, 14.2242,
3.5054


 62.6630, 47.5699,
20.8884

 13.7942, 8.2768,
1.3581


 83.1884, 65.1341,
31.7250

 8.0584, 4.2726,
0.1087


 107.7678, 86.5636,
45.7802

 4.1845, 1.8272,
0.0000

 136.7665,
112.2427, 63.4726

 1.8070, 0.5040,
0.0000

 170.5499,
142.5557, 85.2207

 0.5219, 0.0000,
0.0000

 209.4833,

 0.0000, 0.0000,

177.8872, 111.4431

0.0000

253.9321,
218.6214, 142.5584

■ 32.3128, 22.4993,
7.1972

■ 32.3128, 22.4993,
7.1972

■ 30.5049, 19.6429,
4.2543

■ 34.6752, 26.0989,
11.4548

■ 29.2003, 17.4721,
2.4677

■ 37.6340, 30.4862,
17.1583

■ 28.3845, 16.0341,
1.5989

■ 41.2283, 35.7064,
24.4244

■ 45.4934, 41.8004,
33.3572

■ 50.4622, 48.8061,
44.0520

■ 56.1650, 56.7592,
56.5968

■ 62.6306, 65.6934,
71.0736

■ 69.8859, 75.6409,
87.5598

■ 77.9568, 86.6323,
106.1281

Harmonies

Analogous

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



36.4739, 22.4993, 17.5087



32.3128, 22.4993, 7.1972



25.5204, 22.4993, 3.5511

Triad

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



32.3128, 22.4993, 7.1972



11.3700, 22.4993, 14.9518



24.2199, 22.4993, 80.5451

Complementary

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



32.3128, 22.4993, 7.1972



30.5195, 38.8735, 68.8453

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.



17.7222, 22.4993, 78.5660



32.3128, 22.4993, 7.1972



11.1644, 22.4993, 33.1363

Square

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



32.3128, 22.4993, 7.1972



13.8845, 22.4993, 6.1616



13.2489, 22.4993, 58.3159



31.1923, 22.4993, 62.8233

Rectangle

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



32.3128, 22.4993, 7.1972



20.8820, 22.4993, 3.0997



13.2489, 22.4993, 58.3159



21.8958, 22.4993, 82.3451

Sweetspot

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



32.3133, 22.5005, 7.1976



75.5797, 72.9864, 65.6406



37.6896, 21.0020, 46.7580



15.7101, 14.9660, 13.0367



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.



32.3133, 22.5005, 7.1976



44.7792, 27.7721, 4.8554



42.2573, 42.3885, 10.5122



12.6345, 12.8431, 12.9738



17.3993, 9.9158, 0.9969



1.1107, 0.7207, 0.0806

Inverse Universe

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



30.5195, 38.8735, 68.8453



41.6732, 53.2660, 102.6927



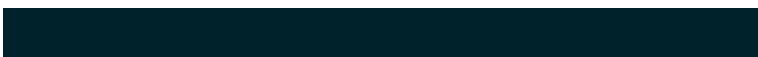
19.2860, 16.4065, 65.1008



12.5584, 13.6402, 15.9084



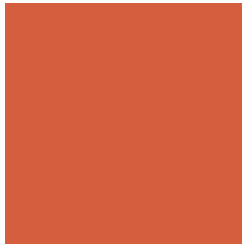
15.9497, 20.1613, 41.5040



1.0192, 1.3303, 2.5224

Previews

White Background



This preview shows how the XYZ color 32.3128, 22.4993, 7.1972 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 32.3128, 22.4993, 7.1972 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 32.3128, 22.4993, 7.1972

Background



This preview shows how black text looks on a background with the XYZ color 32.3128, 22.4993, 7.1972.



This preview shows how white text looks on a background with the XYZ color 32.3128, 22.4993,

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

32.3128, 22.4993, 7.1972

Protanopia

20.8539, 22.6563, 9.7525

Deuteranopia

23.1275, 22.7296, 6.7827



Tritanopia

33.7918, 22.6039, 13.6483

Trichromacy



Original Color

32.3128, 22.4993, 7.1972

Protanomaly

23.9461, 21.8341, 8.7467

Deuteranomaly

25.8371, 22.1639, 6.9193

Tritanomaly

33.0729, 22.4184, 10.9716

Monochromacy



Original Color

32.3128, 22.4993, 7.1972

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

22.5660, 20.2830, 15.5576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3128, 22.4993, 7.1972 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(213, 94, 62)` looks like.

```
.text, #text, p{  
  color:rgb(213, 94, 62)  
}
```

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(213, 94, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 94, 62) }
```

Border

The CSS property to change the border of an element to XYZ 32.3128, 22.4993, 7.1972 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(213, 94, 62) }
```


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

```
.border{ border-color:rgb(213, 94, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 94, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 94, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 94, 62);  
box-shadow:4px 4px 4px 4px rgb(213, 94,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3128, 22.4993, 7.1972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 94, 62) }
```

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

```
.background{ background-color: rgb(213, 94,  
62) }
```

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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