

Converting Colors

XYZ(25.5247, 20.7324, 3.2530)

Have a look what the booklet for
XYZ(25.5247, 20.7324, 3.2530)
contains.

XYZ(25.5213, 20.7942, 3.2847)	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(25.5213, 20.7942,
3.2847)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6A13
RGB	186, 106, 19
RGB Percent	73%, 42%, 7%
CMY	0.2706, 0.5843, 0.9255
CMYK	0.00, 0.43, 0.90, 0.27
HSL	31°, 81%, 40%
HSV	31°, 90%, 73%
XYZ	25.5213, 20.7942, 3.2847
YIQ	120.0020, 75.6070, -10.0970

Conversions

Conversions Part 2

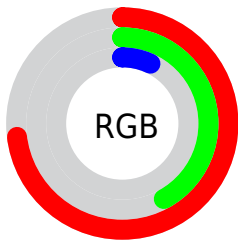
Format	Color
RYB	173, 186, 19
Decimal	12216851
CIELab	52.72, 26.35, 56.23
CIElCh	53, 62.096, 64.892
Yxy	20.7942, 0.5145, 0.4192
Android (android.graphics.Color)	4290406931 (0xFFBA6A13)
YUV	120.0020, -49.7940, 57.8802
Hunter-Lab	45.6007, 20.0999, 27.6497

Details

The XYZ color **25.5213, 20.7942, 3.2847** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **13.5932, 12.6071, 48.1710**, and the grayscale version is **17.9913, 18.9283, 20.6129**.

A 20% lighter version of the original color is **51.8207, 44.7223, 12.3796**, and **10.2655, 7.5381, 0.9140** is the 20% darker color. If you saturate the color by 10%, you get **24.5353, 19.0070, 2.3872**, and if you desaturate by 10%, it is **26.7142, 22.8186, 4.7969**.

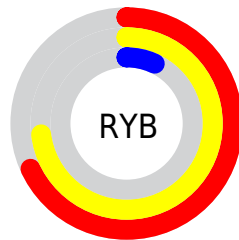
Distribution



Red (73%)

Green (42%)

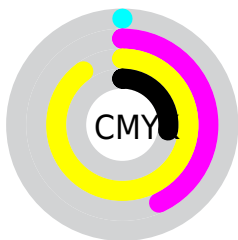
Blue (7%)



Red (68%)

Yellow (73%)

Blue (7%)

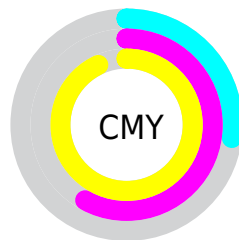


Cyan (0%)

Magenta (43%)

Yellow (90%)

Black (27%)



Cyan (27%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5213, 20.7942, 3.2847 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 25.5213, 20.7942, 3.2847 by changing the saturation by 10% instead.

■ 25.5213, 20.7942,
3.2847

■ 25.5213, 20.7942,
3.2847

272.7242,
256.1828, 139.9080

■ 16.5967, 12.9737,
1.2418

■ 51.9385, 44.7448,
12.3232

■ 10.0409, 7.4104,
0.0134

■ 70.1618, 61.6436,
20.1559

■ 5.4885, 3.7201,
0.0000

■ 92.2153, 82.3373,
30.7556

■ 2.5743, 1.5182,
0.0000

■ 118.4644,
107.2103, 44.5408

■ 0.9329, 0.3015,
0.0000

■ 149.2745,
136.6469, 61.9301

■ 0.0000, 0.0000,
0.0000

■ 185.0110,

171.0316, 83.3421

226.0391,
210.7487, 109.1952

25.5213, 20.7942,
3.2847

25.5213, 20.7942,
3.2847

24.5353, 19.0070,
2.3872

26.7142, 22.8186,
4.7969

24.5152, 18.9703,
2.3695

28.1541, 25.0981,
7.1282

29.8642, 27.6469,
10.3840

31.8635, 30.4770,
14.6534

34.1695, 33.5991,
20.0150

■ 36.7977, 37.0233,
26.5393

■ 39.7625, 40.7590,
34.2911

■ 43.0775, 44.8154,
43.3302

■ 46.7552, 49.2008,
53.7126

Harmonies

Analogous

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



31.8126, 20.7942, 7.7731



25.5213, 20.7942, 3.2847



18.7230, 20.7942, 2.4703

Triad

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



25.5213, 20.7942, 3.2847



9.7867, 20.7942, 25.8150



27.7610, 20.7942, 66.1878

Complementary

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



25.5213, 20.7942, 3.2847



13.5932, 12.6071, 48.1710

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.



20.8434, 20.7942, 79.8513



25.5213, 20.7942, 3.2847



11.2218, 20.7942, 49.7186

Square

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



25.5213, 20.7942, 3.2847



10.5105, 20.7942, 10.6468



14.9455, 20.7942, 72.5907



33.2908, 20.7942, 41.3535

Rectangle

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



25.5213, 20.7942, 3.2847



14.9806, 20.7942, 3.2691



14.9455, 20.7942, 72.5907



25.4712, 20.7942, 72.7135

Sweetspot

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



25.5218, 20.7953, 3.2851



67.8980, 68.6376, 51.1825



22.7692, 11.8196, 13.0667



14.5670, 14.6228, 10.2854



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.5218, 20.7953, 3.2851



44.1912, 33.8963, 4.2135



37.2563, 45.2584, 7.3885



9.3813, 9.7655, 9.4974



16.5687, 12.9137, 1.6193



0.6457, 0.5784, 0.0776

Inverse Universe

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



13.5932, 12.6071, 48.1710



22.3149, 18.9265, 86.6785



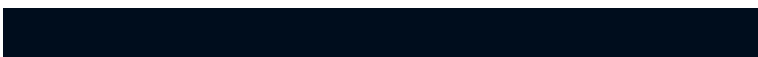
9.4220, 4.1792, 46.7641



8.8665, 9.4102, 11.4285



8.4458, 7.3512, 32.2269



0.3598, 0.3832, 1.1568

Previews

White Background



This preview shows how the XYZ color 25.5213, 20.7942, 3.2847 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 25.5213, 20.7942, 3.2847 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 25.5213, 20.7942, 3.2847

Background



This preview shows how black text looks on a background with the XYZ color 25.5213, 20.7942, 3.2847.



This preview shows how white text looks on a background with the XYZ color 25.5213, 20.7942,

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

25.5213, 20.7942, 3.2847

Protanopia

18.9202, 20.9997, 3.9759

Deuteranopia

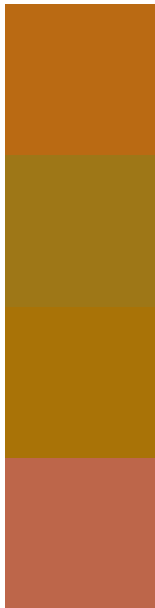
21.2137, 20.9065, 2.9173



Tritanopia

28.2986, 20.9114, 16.1805

Trichromacy



Original Color

25.5213, 20.7942, 3.2847

Protanomaly

20.8520, 20.5246, 3.6732

Deuteranomaly

22.5313, 20.7118, 3.0113

Tritanomaly

26.9737, 20.8160, 9.0748

Monochromacy



Original Color

25.5213, 20.7942, 3.2847

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.1937, 18.8153, 10.8037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5213, 20.7942, 3.2847 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(186, 106, 19)` looks like.

```
.text, #text, p{  
    color:rgb(186, 106, 19)  
}
```

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(186, 106, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 106, 19) }
```

Border

The CSS property to change the border of an element to XYZ 25.5213, 20.7942, 3.2847 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(186, 106, 19) }
```


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

```
.border{ border-color:rgb(186, 106, 19) }
```

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

Here you see how a box with a 4 pixel rgb(186, 106, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 106, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 106, 19);  
box-shadow:4px 4px 4px 4px rgb(186, 106,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5213, 20.7942, 3.2847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 106, 19) }
```

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

```
.background{ background-color: rgb(186,  
106, 19) }
```

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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